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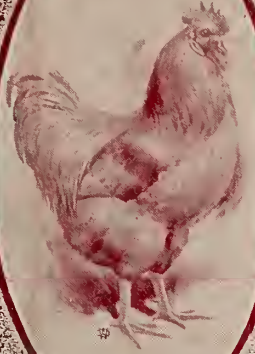
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SOUTHERN SHOW NUMBER

DECEMBER

THE INDUSTRIOUS HEN

An Illustrated Monthly for
POULTRY
LIVE STOCK and the FARM.



Published by the
INDUSTRIOUS HEN CO.
Knoxville, Tenn.



SOUTHERN POULTRY ASSOCIATION. ATLANTA. DECEMBER 18

Headquarters for Poultrymen

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Write to R. S. PORTER, Knoxville, Tenn., for Premium List.

THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 2

Knoxville, Tenn., December, 1905

(Whole No. 19) No. 7

A SOUTHERN ASSOCIATION—H. E. Branch, Fair Play, Mo.

THE meeting of Southern breeders billed for Atlanta, Ga., in December is highly important and meets my hearty approval. If properly conducted and guided by wisdom its importance will be national as it will inaugurate a new era for the poultry industry. It is now the show season and a close analysis of present conditions and the true purpose of competitive contests in exhibiting stock of any kind will be of value to those taking part in the deliberations. It is easier to avoid mistakes than it is to correct them after

with the earnest desire to create a place for a better structure. If I am wrong, I must go down with my folly. But I have no fears; I was forced into this contest in the defense of a great industry. I first plead with the A. P. A. to adopt rational methods but to no purpose.

I will now define the purpose of breeding associations and their methods and then draw comparisons. Every breeding association is based upon a single well defined unit that dominates all action, and showing rings and show rooms are



1st Prize Pen S. C. White Leghorns at Hagerstown, Md.—Bred and owned by J. F. Childress, Sweetwater, Tenn.

once made. My intention in writing this is to call attention to rocks and shoals that may wreck if left unperceived.

In this communication I shall employ language "As she is spoke in Missouri" as defined by our dictionaries and recognized in common idioms. I want it distinctly understood that I'm criticising and discussing policies and have no war to declare against any individual. The poultry industry is too great a proposition to be hampered by individuals and my feeling for my critics is the most kindly. If I tear down it is

designed, or should be, for an actual test of market quality. I know one exception and will demonstrate it farther on. A show that does not employ actual tests and demonstrate market quality is valueless to the exhibitor. Some tests can be made in a few minutes while others require months. Keep that in mind for its recognition at the Atlanta meeting is the greatest factor for success that can be employed in the operation of a poultry association. Breeders of Shorthorn, Hereford, Gallo-way and Angus cattle contend for honors in beef rings. Beef



COMING SOUTHERN POULTRY SHOWS



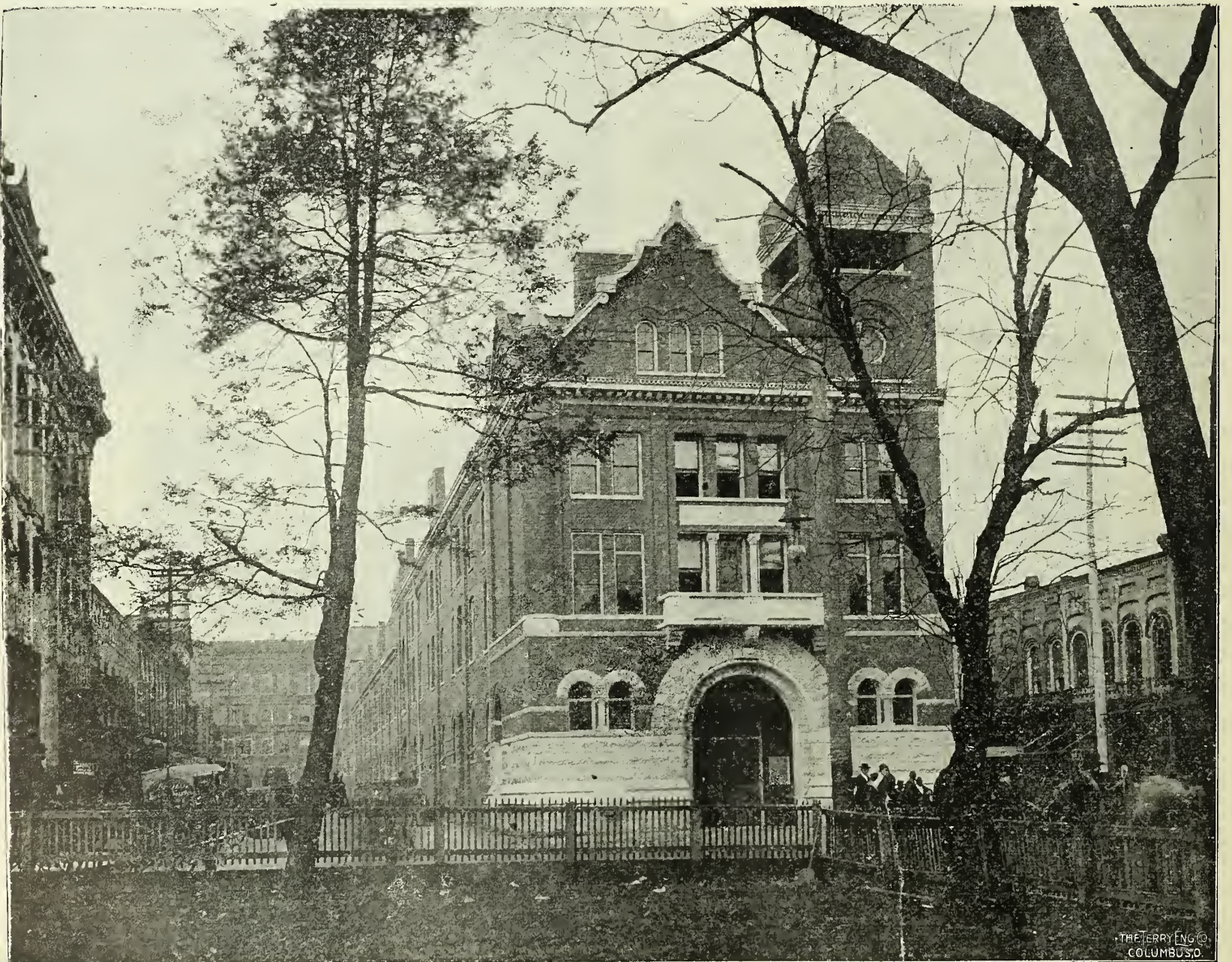
THE EAST TENNESSEE POULTRY ASSOCIATION

KNOXVILLE, TENN., JANUARY 17, 18, 19, 1906

IT HAS been some years since there was an organization of poultrymen in East Tennessee or a show in the city of Knoxville. The spirit of the pure breeder, the one who loves fowls has never died out, however, and there are a few of the old line still here. In May of the present year, through the efforts of a few earnest workers, an organization was perfected and show dates chosen. The membership has proven to be an active one and the enrollment is now upwards of fifty—each one deeply in earnest and working for the show. The place selected for the exhibition is the most central in the city being in the Armory Hall, over the Market House. Well lighted, well heated, well ventilated, convenient to all the car lines it will make an ideal exhibition hall. The committee having charge of the arrangements are making excellent progress with their work and Knoxville will have the show of her life. The room will be handsomely decorated and sweet music will entrance the ear, vying with the shrill note of the winning cockerels and the roundelay of the handsome biddies. The superintendent and a full corps of assistants will see that the birds are well cared for and the officers and members of the Association will be present to greet the

“stranger within our gates” and to make him feel that he or she is among kindred spirits. The committee has some pleasant surprises for the visitors, be they few or many, and all will be given a grand good time. Those at work on the premium list, through the liberality of our merchants and friends, will be able to send you a list of the awards that await the winners that will be enticing, for there will be very many handsome specials—gold coin and other things that our folks know will be appreciated. All these “specials” will be on exhibition at the HEN’s nest, together with the handsome cup given by THE INDUSTRIOUS HEN. You will find comfortable quarters at the nest of the HEN with all the daily papers at your disposal. The HEN’s stenographer will be in charge with a full supply of stationery. You are invited to call, make yourself at home and she will have pleasure in taking any correspondence you may wish. The HEN’s yours to make use of.

In this issue you find some attractive views of our city and it is safe to say you will find others in our January issue. Don’t fail to be here and to send your birds. You can get catalog by writing the Secretary, Mr. R. S. Porter, Knoxville, Tenn.



Market House—Headquarters for East Tennessee Poultry Association.

THE INDUSTRIOUS HEN'S SILVER CUP.



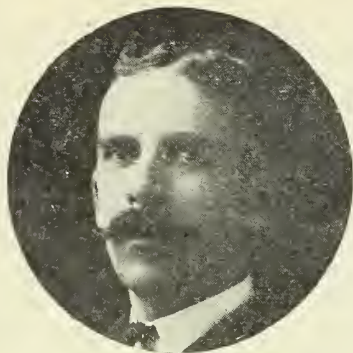
\$25.00 Silver Cup to be given by THE INDUSTRIOUS HEN for the highest scoring pen of birds—in American, Asiatic, or Mediterranean Classes—at the East Tennessee Poultry Show, Knoxville, January 17, 18, 19, 1906.



Custom House and Postoffice.



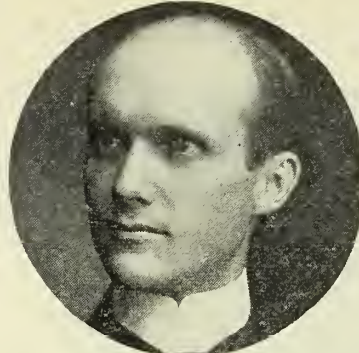
Looking North on Gay Street from Imperial Hotel.



JNO. A. MURKIN, JR.,
Secretary.



FRED KLOOZE,
Asst. Secretary.



WATKINS CROCKETT,
Treasurer.



J. J. AMBROSE,
Superintendent.

TENNESSEE STATE POULTRY BREEDERS' ASSOCIATION

FIRST ANNUAL SHOW, NASHVILLE, JANUARY 1 to 6, 1906

A ROUSING good meeting of the Tennessee State Breeders Association at the rooms of the Chamber of Commerce was held Friday evening November 10th at 7:30 o'clock. The secretary, Mr. John A. Murkin, Jr., reported everything in fine shape for the coming Nashville show, and the members are all very enthusiastic over the outlook for the greatest poultry show ever held in the South. It has been several years since Nashville has held a show but since the organization of the State Association the poultry industry around this section and all through the state has become at fever heat, and breeders and fanciers in every direction have taken on new life, and it is safe to predict that nearly all of them will be well represented when the Nashville show opens its doors January 1st, 1906. There are many fine birds all through the country around Nashville, and the local breeders are especially interested in this show, as it will afford them opportunities to see what is going on on all sides. That there will be a great representation from all over the state and the South and many parts of the North, is shown by the fact that hundreds of applications are being made for the premium list and entry blanks.

Mr. R. T. Creighton, president of the State Association, is a member of the firm of Foster & Creighton, one of the largest construction concerns in the South. He has been a breeder for twenty years, and has been prominently identified with all matters pertaining to the poultry interests in this section for many years.

Capt. West H. Morton, vice-president, is a son of Capt. John W. Morton, Secretary of State, and holds his headquarters at the State Capitol. Capt. Morton is a breeder of White Wyandottes and has at his beautiful home, "Wedgewood," a flock of 500 birds. He also has been prominently identified with fancy poultry for many years.

Jno. A. Murkin, Jr., is a prominent broker in Nashville, and together with Capt. West H. Morton organized the Ten-

nessee State Poultry Breeders Association. He is also manager of the Nashville show and editor of the poultry department of the *Daily American*, Nashville's leading daily, and special representative and manager of the branch office of THE INDUSTRIOUS HEN. He has done much toward the development of the thoroughbred fowl in the South. Mr. Murkin is representing in connection with his general line of business, Darling & Co., of Chicago, and Cornell Incubator Co., of Ithaca, N. Y. He breeds White Wyandottes.

Fred Klooze, assistant secretary of the Association, is one of Nashville's most prominent insurance men. He has been breeding the "True Blue" strain of Barred Rocks for twenty years and has won prizes and trophies in nearly every state in the union.

Watkins Crockett is cashier of the Union Bank and Trust Co., one of Nashville's largest banking and trust concerns. Besides handling the funds of the Association he is interested with Mr. Wm. B. Shelton, under the firm name of Shelton & Crockett, and is breeding the White Rock. The Shelton & Crockett Poultry Plant, known as Eastland Poultry yards, is one of the most complete plants in the South.

J. J. Ambrose is a member of the firm of Ambrose & Bostleman. He is the pioneer breeder of Nashville. Mr. Ambrose is superintendent of the Nashville show and a better one will not be found on the American continent. Mr. Ambrose breeds Barred Rocks, Bronze turkeys and White Pekin ducks. He has nothing but the best.

Wm. B. Shelton, as above stated, is senior member of the firm of Shelton & Crockett. Mr. Shelton is the able assistant to the county court clerk. Together with Mr. Crockett they have made their poultry plant known throughout the country. Their White Rocks are white, and no better birds can be found.

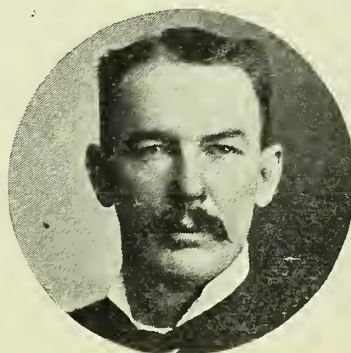
Andrew J. Settle is in the grain business in Nashville; he too is an old timer and a winner of many prizes with his magnificent Blue Ribbon strain of Barred Rocks. Mr. Settle has



E. F. LANGFORD.



E. H. PARKER.



ANDREW SETTLE.



WM. B. SHELTON.

been prominently connected with poultry interests around Nashville for many years.

E. T. Langford, the man that breeds the Rhode Island Reds that are red. Mr. Langford is one of Nashville's prominent young attorneys; has occupied a high place at the Nashville bar. He also occupies a lofty position in the eyes of the poultry fraternity, being deeply interested in thoroughbred birds, and a strong advocate of more and better poultry.

E. F. Parker, another prominent breeder of Nashville, is in the office of the county judge. Mr. Parker has adopted the White Rocks and White Orpingtons, and he too takes great pleasure with his fowls.

Gov. John I. Cox, our distinguished governor, strongly advocates the breeding of thoroughbred fowls. He believes it a great industry for the state, that should receive more attention. Gov. Cox will participate in the Nashville show.

Mayor T. O. Morris, at his beautiful home place, has many fine White Wyandottes and greatly admires the thoroughbred bird.

THE INDUSTRIOUS HEN will have a nest where all the daily papers can be read as you lounge in comfort. She will have her stenographer on hand and you are invited to call and make use of her in dictating your correspondence. A full supply of stationery will be at your service.

Knoxville may have the only poultry paper in the country, but Nashville will have to have the "onliest show."

J. J. Ambrose has a fine lot of Mammoth Bronze turkeys on his farm besides Barred Rocks and Pekin ducks.

Poultry matters around Nashville are very much alive. Everybody is anxiously awaiting the great Nashville show.

Mrs. Henry Thornton will exhibit at several of the Southern shows, and will have a big string in the Nashville show.

S. H. Davidson, with his White Wyandottes and G. E. Mann, with his White Rocks, are coming to the front as breeders.

H. B. Geer, one of the old timers, still has the chicken fever and is one of the most interesting talkers around Nashville on poultry.

No show ever held in the Southern States has attracted as much attention as the one to be held in Nashville. It means great things for the poultry industry in the state.

Nashville is to have an immense Hippodrome building. Ground has been broken and if the building is completed in time it will be used for the Nashville show. It will be heated by steam and will contain 2,000 electric lights.



R. T. CREIGHTON,
President.



GOV. JOHN I. COX



MAYOR T. O. MORRIS



WEST H. MORTON,
Vice-President.

NASHVILLE NOTES.

JNO. A. MURKIN, JR., SECRETARY.

J. G. Dean has a bunch of magnificent White Plymouth Rocks.

A big representation from West Tennessee will be in attendance.

Russ McCormack is very much interested in his White Orpingtons.

THE INDUSTRIOUS HEN is a great favorite with Nashville poultrymen.

Several very attractive features will be added to the Nashville show.

Jno. W. Boswell, Jr., is figuring on a 100 acre poultry farm near Nashville.

Indications point to an immense attendance from all over the state and South.

Wm. O. Harris will make a splendid display of mottled Javas at the Nashville show.

Mr. R. A. Bennett, city treasurer of Nashville, will exhibit a nice lot of Buff Orpingtons.

The *Nashville Daily American* is devoting much space toward the development of pure bred poultry.

BIRMINGHAM POULTRY ASSOCIATION.



THE December show at Birmingham will be the ninth annual exhibition. The good that has been done and the enthusiasm that has been engendered is readily seen when known that there are many in the rank now who will get out \$10, \$15 or \$25 to pay for a first class bird. In the days before this organization was perfected these same men would not have given a round dollar for any chicken they ever saw. These changes are but the first glint of sunshine, and the organization is still hard at work disseminating the truths of poultry for pleasure and for profit.

They are looking forward to the day when the old barn yard fowl will be but a memory.

The State Fair, with its Poultry Department is a breeze that fans the embers into a bright flame and by the time the December show comes everything will be at white heat and a better show than ever will be "pulled off." The officers of the Association are:

President, Dr. F. I. Tarrant; First Vice-President, J. S. Francis; Second Vice-President, H. J. McCafferty; Third Vice-President, B. C. Garmon; Secretary and Treasurer, Charlie Barber; Executive Board, H. J. McCafferty, Chairman; R. H. Eggleston, W. G. Estes, L. K. Terrell, D. E. McLendon.

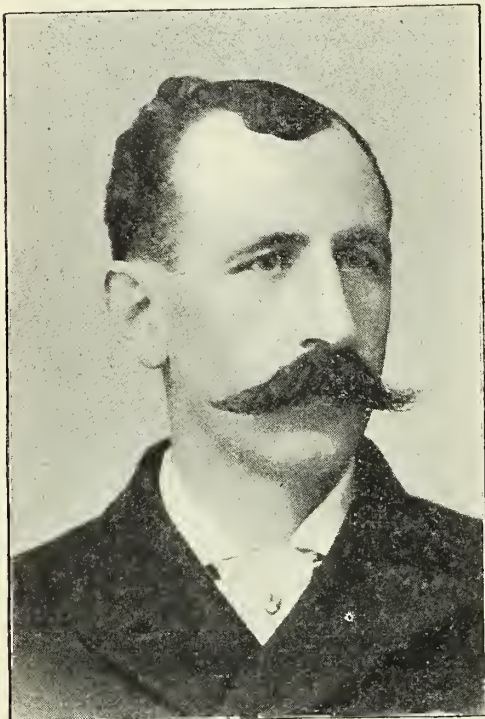
They all talk good poultry, subscribe for good journals, visit the shows and lend their aid to the upbuilding of the industry.

MIDDLE TENNESSEE POULTRY ASSOCIATION

First Annual Show, Columbia, Tenn., December 19, 20, 21, 22, 1905

No theorem is truer, nor axiom more self-evident than this, that poultry shows are a necessity to the breeder of fancy birds, and so also no theorem is truer, nor axiom more self-

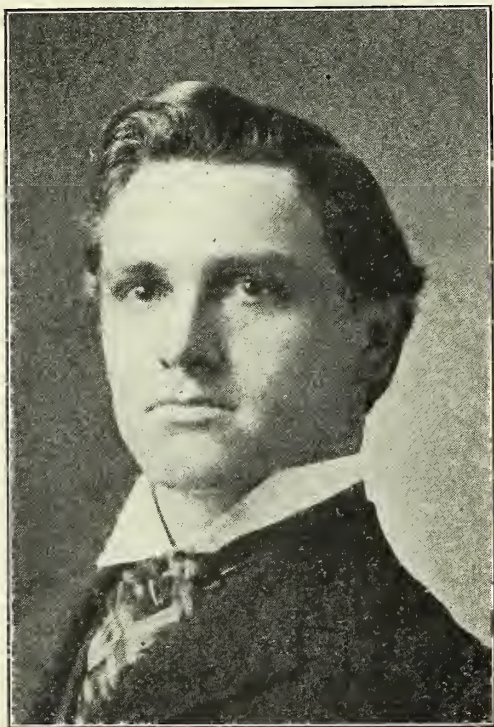
evident than this, that birds of quality are a necessity for the successful holding of poultry shows. The more ribbons, both general and special, the fancier can capture with his birds, and the more shows he attends, thereby coming in contact with other breeders, the more his stock is in demand, and we all know the "law of supply and demand." We do not mean spasmodic showing, but the continual and everlasting showing and at more than one show. As the show



A. W. WARFIELD, President.

is a necessity to your continued success you must help to make the show a success otherwise you will have no show at which to exhibit. And one inch of advertising with an honorable list of enumerated ribbons won at some reputable show, with birds scored by a first class judge is worth more to you than a half page of your own boasting of the excellency of your birds. It is the score card breeders want when they buy your stock. But as we are to write of the Middle Tennessee Poultry Association, we must cease to generalize and write up our own show.

We will have a hummer. More fanciers will be here on Nashville day, or State Poultry Breeders Association day than were



R. S. HOPKINS, Secretary-Treasurer.

ever brought together before in the state. There are several reasons why we will have a successful show, chief among them are the following: (1) No judge is better known in the South than is F. J. Marshal, of Atlanta, Ga., and his presence alone as judge will bring out many birds. Not only because the exhibitors desire his judgment of their birds, but also because, knowing that Marshall will judge other shows in the state soon after, they desire to get a line on their birds with a view of going to these other shows; (2) It is at the proper season of the year, December 19-20-21 and 22, 1905, it is before

the extreme cold weather and after your birds are somewhat accustomed to the season and so are not likely to contract cold, or other diseases brought on by exposure, and it is also just at that season when many breeders are thinking of mating up their pens for the coming season and so they will be enabled to know what they are putting in their pens after having them at our show. (3) There is not a more enthusiastic bunch of fanciers anywhere than in this section of the state; we have them at Columbia, Springhill, Mt. Pleasant, Lynnville, Cullleoka, Crossbridges, Petersburg, Lewisburg, Pulaski, Franklin, and all of the Nashville fanciers are going to send their birds and will be here in toto, on Nashville day, December 21, and we want the members of the State Poultry Breeders Association to meet with us on that date.

Premium list will be mailed you upon request by R. S. Hopkins, Secretary-Treasurer.

CHATTANOOGA POULTRY ASSOCIATION.



THE Chattanooga Poultry Association was organized on July 22nd, 1904, by some eight genuine poultry cranks, and a very short time sufficed to increase the membership to twenty-six. Some fine breeders of pure bred poultry had been getting together occasionally and swapping methods and modes of mating, hatching and rearing chickens and were much surprised and elated to discover so many who were afflicted with the same disease, viz.: Keeping a few pure bred fowls for the pleasure they got from having something nice to look at and more than this, having more and better meat and eggs than Mistress Mongrel could supply.

It was soon decided to hold monthly meetings, which have been regularly held since the organization, and hold a show, for the betterment of poultry and more of it. It was also decided that no officer or member should participate in any way in the receipts, whatever they might be, but if any surplus could be had it would be held for another and better show the coming winter, or if a deficit should be had we would go down in our "Jeans" and make it up. The association built new coops to accommodate 700 birds, hung up a nice string of specials and gave cash prizes on the percentage plan and held a most successful show on December 13th to 16th, 1904. Cooping 500 birds. The officers being: L. S. Greenwood, President; W. F. Maury, Secretary-Treasurer; J. L. Shipp, E. C. Ortmeier, R. E. Craigmiles, Geo. W. Wallace, J. L. Price, A. E. Merriam, E. T. Schmitz, with the President and Secretary were the Executive Committee; Chris Bathman, Superintendent; Mr. F. J. Marshal, Judge.

During the exhibition it was decided to hold the next show on January 10th to 13th, 1906, and during the summer of 1905 the membership was increased to fifty, all of whom are in it for the pleasure they derive from being the possessors of fine birds and not for the dollars and cents.

At the annual meeting July 25, 1905, the President and Secretary-Treasurer were unanimously re-elected with E. T. Schmitz, Superintendent; E. C. Ortmeier, J. L. Price, C. E. Sprague, F. W. Stevens, F. B. Englehardt and C. Hoyt Bradford as Executive Committee, and Mr. F. J. Marshal was again elected to place the awards.

"Chattanooga" is a score card show; will give liberal cash prizes on single birds and breeding pens, also has some nice specials and ten silver cups hung up for January, 1906. Our list will be out for mailing November 15th, and we hope to see the many exhibitors we were proud to shake by the hand last winter with us again, as well as the many new ones that will be with us this time, having caught the fever at Chattanooga and elsewhere last winter. Wishing one and all much success and long life to "THE HEN."

W. F. MAURY.

ATLANTA POULTRY ASSOCIATION—THIRD ANNUAL SHOW, DECEMBER 15th to 21st, 1905

A single visit to the Atlanta show and you will repeat it. The entire body of officials conspire to make your visit a pleasant one. The Association has held its shows with more than ordinary success and has been instrumental in not only fostering but in instilling a desire in the hearts of many to own "more and better poultry." Its officers have been wisely chosen and have done well their part. The Association has always issued an attractive premium list and have had many handsome specials to offer the fraternity through the kindness of the citizens, who evince their interest by being frequent and constant visitors during the show season.

It is composed of forty-eight, alert active members, and while they have always made a success the coming show—December 15-21, 1905—they expect to break all records for various good reasons, the chief of which, perhaps, is that on the 18th of December

all Southern poultrymen are expected to meet with them for the purpose of organizing a *Southern Poultry Association*. They are making ample preparation to do their part by their brother breeders and all eyes are turned toward Atlanta.

The Vice-President and Secretary, whose faces we show you, will have ample opportunity to show what you read in these shadows of them—ability, alertness, activity. They will do it.

When you say Alf Bertling is superintendent you know that the birds will be well cared for and that his work will be promptly and quietly done. He is a host in himself. Judges Marshall and Johnson will place the awards and you may be sure of a fair deal, on the square.

Bertling has been the superintendent for years and has gained the confidence and esteem of all who have had birds under his supervision.



J. H. PORTER,
Vice-President Atlanta Poultry Association, Atlanta, Ga.



C. O. HARWELL,
Secretary Atlanta Poultry Association, Atlanta, Ga.

TROUP COUNTY POULTRY ASSOCIATION—SECOND ANNUAL SHOW, LAGRANGE, GA., FEBRUARY 5-9, 1906

Early in the year 1904 the poultry breeders around LaGrange, Ga., held a meeting and organized an association under the above title. The object of the Association was the promotion of the poultry industry. The improvement of the breeds and the development of the field for poultry culture in which they were located. They were a band of true breeders of many of the leading breeds and they went to work, and in February, 1905, they held their first show.

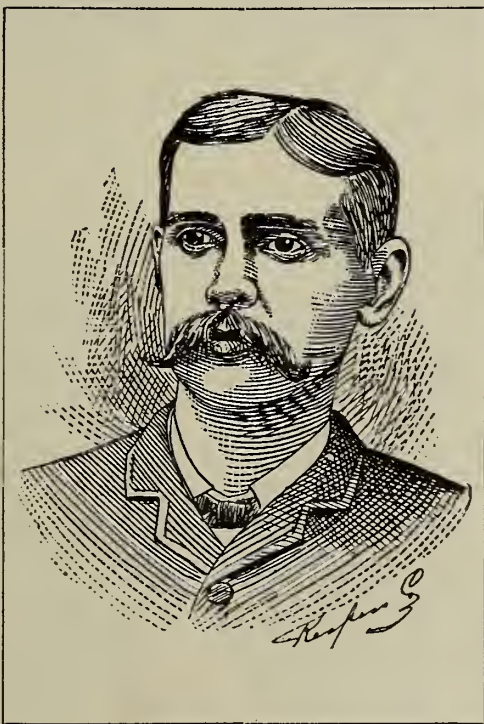
At this exhibition it was demonstrated that there were many fine fowls in the country "round about," and while the number exhibited was not large yet the show was a success and proved a great "drawing card." Many who had hitherto taken no interest in fine poultry "caught the infection" and the "dunghill" found his way to the butcher's block and pure bred stock came in its place. From this stock they have been breeding and growing

more and more enthusiastic as the pure bred bird has proven to be what was claimed by those who knew his worth and organized the Association in order to show those who doubted.

Such has been the progress of the Association that when they throw their doors "open to the world" for their Second Annual show on February 5 to 9, 1906, they will have from all indications a "full house."

The officers and the executive committee are all energetic business men and do their full duty in pushing the work of the Association. The officers are: E. B. Clark, President; W. R. Randall, Vice-President; W. S. Davis, Secretary and Treasurer; W. V. Gray, L. P. Cleveland, W. W. Turner, W. C. Wallace, J. R.

Broome, Executive Committee. Look closely at the faces of the Vice-President and Secretary-Treasurer, and you will see that they are men who carry the sign of genuineness and energy.



W. R. RANDALL,
Vice-President Troupe Co. Poultry Association, LaGrange, Ga.



W. S. DAVIS,
Secretary Troupe Co. Association, LaGrange, Ga.

ALABAMA STATE POULTRY ASSOCIATION

JUST at this season of the year we are reminded of two things; First, we feel the nearness of the glorious yuletide, with its glad tidings pulsating the heart of every one, especially the younger generation, in whose minds nothing has as much weight just now as the thought of Santa Claus, and the second thought which we run up against is the great poultry exhibition of the State Poultry Pigeon and Pet Stock Association at Montgomery, Alabama, from December 18th to the 22nd.

This poultry association was organized about one year ago, yet in this short existence it has had one grand exhibition, and this season promises to eclipse the last one by many moons, both in the number of exhibits as well as the variety, not to say anything of the increase in premiums, both regular and special.

Regular cash prizes will be for pens, First \$3.00, Second \$1.50, Third ribbon; Individuals, \$2.50 for First, \$1.00 for Second, ribbon for Third.

In the way of specials there will be the Ivory Soap special, for best white fowl washed with Ivory Soap, then the silver cup given by the National White Wyandotte Club for best White Wyandotte, and the American White Plymouth Rock Club sil-

the only necessity being to advise the fanciers that Mr. McCafferty will superintend, which sets at rest all uneasiness of any breeder as to the kind of attention his birds will have.

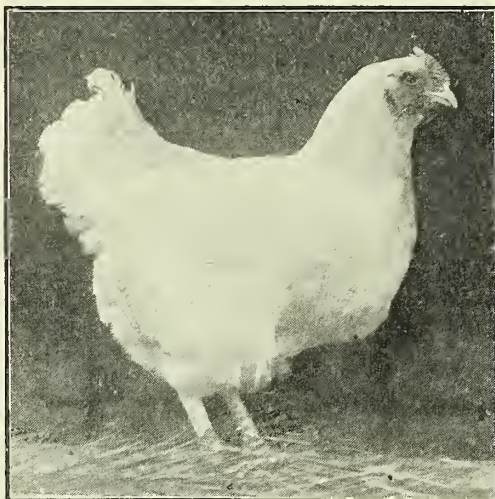
The genial president of this Association, Mr. Jesse Adams, will also be in the show room during the exhibit, and lend his experienced hand in assisting in the general all around handling of such a vast number of visitors, and he will after a few minutes association with any one, make them feel as much at home as if they had been born and raised in the cradle of the old Confederacy.

The secretary will also be on hand during the entire time of exhibition, and begs to assure all breeders so kindly favoring the State Poultry Show with their exhibits, that all fowls will be accorded the very best of attention, whether for exhibition or only for sale, the entry on the for sale birds being 10c each, less 10 per cent on all sales, and if the sales of last season can be taken as a criterion, there will be many a high class bird disposed of in Montgomery this year.

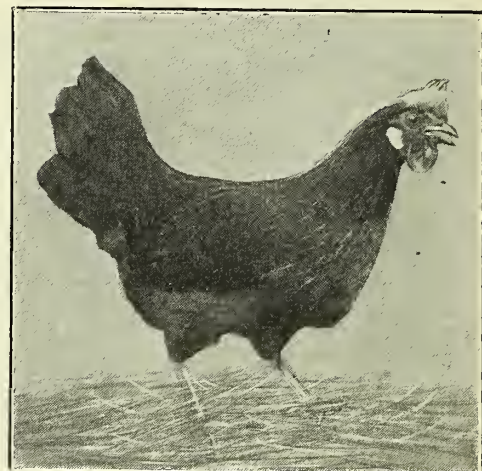
Mr. Loring Brown, the best known breeder and judge in the South will judge this exhibit, and we do not believe a more conscientious, painstaking man could be found anywhere. Mr. Brown judged this show last year, and we have yet to hear of a dissatisfied breeder, which in itself is proof sufficient that



1st Prize Brown Leghorn Cock at Anniston, Ala., 1904. Owned by Belle Mead Poultry Farm, Birmingham, Ala.



2nd Prize White Wyandotte Hen, Anniston, Ala., 1904. Owned by Belle Mead Poultry Farm, Birmingham, Ala.



1st Prize Brown Leghorn Hen, Anniston, Ala., 1904. Owned by Belle Mead Poultry Farm, Birmingham, Ala.

ver cup for best white rock, and parties wishing to compete for these last two named cups had better send in their application for membership at once as only members of these clubs will be eligible for these particular cups, and again there will be a silver cup for best display of Brown Leghorns offered by Loring Brown, who, by the way, will judge our show again, besides which there will be one or two other cups which can not be mentioned just now.

Entry fee will be, singles 50c each, pens \$2.00 each pen, and no exhibit will be eligible for pen prizes until first entered as singles.

Empire coops will be used for cooping this entire exhibit, and judging by the universal satisfaction they gave last season, no breeder need hesitate about sending his birds on account of insufficient or inferior cooping, as no other Southern Association has any better coops than the Empire.

Mr. H. J. McCafferty, of Birmingham, will superintend this show, having entire charge of all birds after being received from the Express Company, giving them his undivided attention, and Mr. McCafferty, being so well and favorably known by the entire poultry fraternity of the South, there seems to be no other recommendation necessary in his behalf,

this kind of a man is fully capable of such an undertaking, and deserves to be congratulated on his unbiased judgment and thorough knowledge of the Standard.

As an advertisement, no better place could possibly be chosen than this show at Montgomery, as was plainly demonstrated last season, and coming right during the holidays as it does this year, insures the attendance being more than doubled, and sales will also be augmented due to the fact that many out-of-town people will patronize it, and it is confidently expected that the attendance this season will tip the 10,000 mark.

The Southern Express Company have kindly given us a one and one-half rate; that is, pay one and a half rate when you ship your birds and they come back free.

The premium list of the State Poultry Association will be out about the first of December, and while their mailing list is very complete, yet for fear of leaving some one out, it is suggested that every one desiring a copy of this premium list, address the Secretary, Mr. Leroy D. Teasley, Montgomery, Ala., at once in order to receive a copy immediately after it is off the press.

Any further information will be cheerfully furnished any one by addressing the secretary of this association.

THE NORTH ALABAMA POULTRY AND PET STOCK ASSOCIATION



THE organization of the North Alabama Poultry and Pet Stock Association was made through the instrumentality of Mr. H. B. Lansden, of Guntersville, Ala., a small town seventeen miles north of Huntsville.

A great lover of the feathered beauties, he came to Huntsville in the fall of 1899, and interested several of the local fanciers, and in November, of the same year, an organization was perfected, selecting dates for the initial exhibit January 16-18, 1899. Mr. Ben Matthews was the Association's first president, serving three years. Mr. H. B. Lansden served as secretary and treasurer for three years. Judge Loring Brown, of Smyrna, Ga., placed the ribbons at the first exhibit, Stephen T. Lea, of Hodge, S. C., the second, and D. M. Owen, of Athens, Tenn., the third. In the exhibition hall on the night of January 14th, 1902, a change of officers

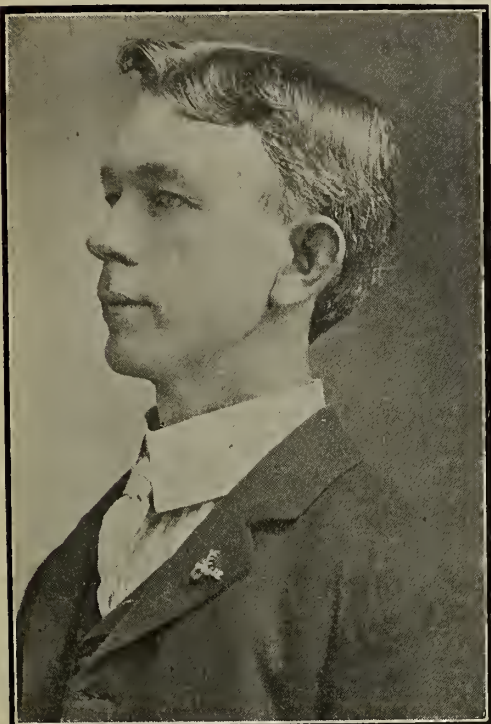
Loring Brown again to award the ribbons for the fifth exhibit, which was held during January, 1904. During the fifth exhibit Mr. W. L. Wall was again elected president and Jno. L. Hay, secretary-treasurer, who with other officers elected Mr. F. J. Marshall as judge of awards. The sixth annual exhibit, which was held December 26-30, 1904, reelected W. L. Wall, president, and Jno. L. Hay, secretary-treasurer, the third time, and again Mr. Marshall has been selected to place the ribbons for the third time, the seventh annual exhibit to be held December 5-8, 1905.

During the seven years the Association has labored faithfully for the advancement of the industry. It has held the annual shows with great success, no doubt due to the personal interest given each exhibit by the ladies of our lovely little city. The Association has had birds for exhibition from Mississippi, Tennessee, Kentucky, Georgia, Louisiana, Texas and has had visiting fanciers from far and near to attend the meetings or exhibits. The Association has always met its obligations, and for the last two exhibits, fifth and sixth, increased materially the premiums by adding cash specials, to say nothing of the approaching exhibit. Its members include citizens of Mississippi, Tennessee and Alabama. It is one of the oldest Associations in the South, and its continuous annual exhibits will speak for its popularity.

Its officials have always been courteous in the show room, making it a special effort on their part to explain every detail within their knowledge to visitors. Its members are composed of some of the most influential business men in that section. An increase in exhibits and the largest attendance in its history is expected at this forthcoming seventh annual show.

The face of the secretary which you see is a poor representation of the active, wide-awake hustling secretary of the Great North Alabama Association. Full to overflowing with the vigor of young manhood Hay "gets there" every time and his presiding officer as a "Knight of the Grip" knows how to hustle. With two such leaders, backed by an host of earnest men, no surprise need be felt or expressed at the success of this Association.

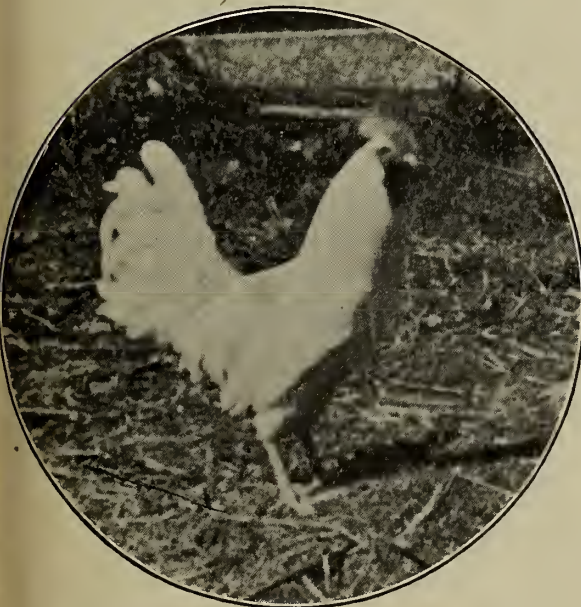
To learn for yourself what an enterprising city Huntsville is and what a clever set of "boys" run the show join them this season on December 5-8th.



JNO. L. HAY, Sect.

North Ala. Poultry Association,
Huntsville, Ala.

was made by W. L. Wall being made president, Geo. Darwin, secretary and treasurer, with F. J. Marshall, acting judge for the fourth exhibit, January, 1903. At this meeting the Association met in an annual executive session, maintaining the usual custom for election of officers, and closed up the business of the annual exhibit. An election of officers resulted in the election of Chas. R. Pulley, president; Jno. L. Hay, secretary. The Association, under this administration, selected Mr.



"White King, Jr." Score 95. Age 5 Mo.
Bred and owned by Wilber Bros.,
Petros, Tenn.



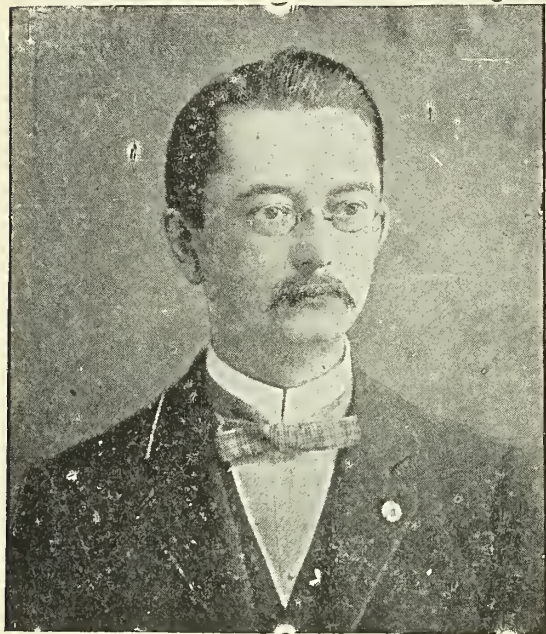
"Sweet Marie." Score 96½. Champion
winner of firsts as Hen. Bred and
owned by Wilber Bros., Petros, Tenn.



"Nellie Gray." Score 95½. Age 5 Mo.
Winner of 3 firsts and one second.
Bred, owned and exhibited by Wil-
ber Bros., Petros, Tenn.

CHARLOTTE, N. C., POULTRY ASSOCIATION.

IT GOES without saying that the ninth annual exhibition of the Charlotte Poultry Association will be as successful as its past shows. The management feels assured that it will surpass any of their former exhibitions, not only in numbers but in quality of stock. At this show the

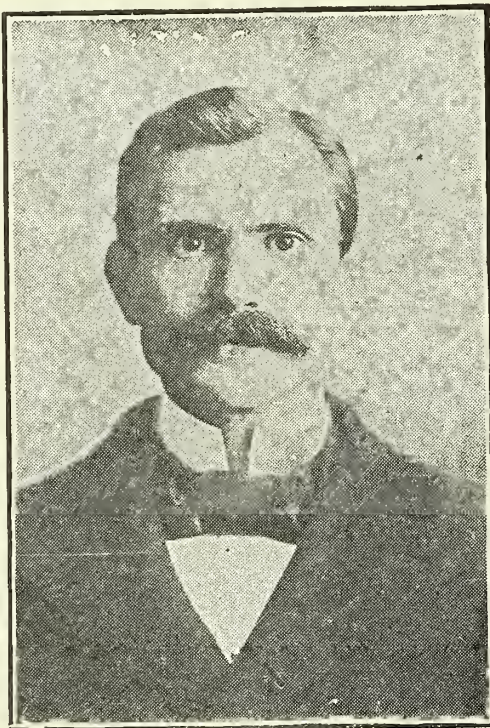


B. S. DAVIS, President.

great Ivory Soap Cup will be competed for. The American Plymouth Rock Club and the Buff Plymouth Rock Club have each offered a \$25.00 Silver Loving Cup for members competition. Some members of the association have also donated several silver cups, so that in all there will be ten or more offered on the different breeds. This show will be fed by the

Purina Poultry Food Co. and their feeds only will be used, thus insuring the birds a variety of the best food obtainable. The judge is Mr. H. P. Schwab, of Rochester, N. Y., who is also engaged for Madison Square Garden and the Chicago shows, that the biggest shows in America have engaged him is sufficient guarantee of his ability. This Association has a record of having paid in full every exhibitor in less than 30 days after the close of the exhibition, and this year will be no exception to this rule. The "Specials" offered are always good, many of them being worth five to ten dollars, and they have quantities of them.

The premium list will be ready for mailing December 5th. Be sure and write the secretary for one. Come and bring your birds with you. The officers are: B. S. Davis, Charlotte, N. C., President; W. S. Ormond, Bessemer City, N. C., First Vice-President; E. R. Cash, Gaffney City, S. C., Second Vice-President; T. W. Austin, Wadesboro, N. C., Third Vice-President; T. L. Ross, China Grove, N. C., Fourth Vice-President; W. B. Alexander, Charlotte, N. C., Secretary; A. S. Harrill, Ellenboro, N. C., Superintendent; F. M. Shannonhouse, Charlotte, N. C., Attorney; H. P. Schwab, Rochester, N. Y., Judge.



W. B. ALEXANDER, Sect-Treas.

At this show the great Ivory Soap Cup will be competed for. The American Plymouth Rock Club and the Buff Plymouth Rock Club have each offered a \$25.00 Silver Loving Cup for members competition. Some members of the association have also donated several silver cups, so that in all there will be ten or more offered on the different breeds. This show will be fed by the Purina Poultry Food Co. and their feeds only will be used, thus insuring the birds a variety of the best food obtainable. The judge is Mr. H. P. Schwab, of Rochester, N. Y., who is also engaged for Madison Square Garden and the Chicago shows, that the biggest shows in America have engaged him is sufficient guarantee of his ability. This Association has a record of having paid in full every exhibitor in less than 30 days after the close of the exhibition, and this year will be no exception to this rule. The "Specials" offered are always good, many of them being worth five to ten dollars, and they have quantities of them.

THE AWARDS, CARDS, ETC.

F. J. MARSHALL, ATLANTA, GA.

THE usefulness of the show room, in an advertising way, depends upon the promptness and manner in which the awards are made. Or rather the manner in which they are handled after they are made. Four-fifths of the exhibitors at a poultry exhibition go with their birds for the advertising they get out of it, without regard to the present money value of the prizes, etc.

With this end in view our poultry shows should be so managed as to get the very most out of them in an advertising way. The awards should be gotten out as soon as possible; the birds should be in their places the first day of the show; weighing should begin at once, as soon as all those to be weighed have been fed. Always give them a chance, especially those coming from a distance.

The scoring can also begin at once so as fast as a variety is finished, the cards should be turned over to the secretary or committee, approved and put up, and so on through the show. It only takes one time to attend to these matters so that they might as well be looked after first as last. Keep the thing red hot and booming right along, that the interest may not lag. Let the premium card indicate the owner's name, the variety, whether male or female, and the score that visitors may obtain all the information that they are entitled to after paying their admission. It will also save some one the trouble of answering a whole lot of questions.

They can look over the awards, ascertain which are the prize winners, their score, and who they belong to: then if they wish to purchase but little trouble ensues.

A much agitated question is, shall owners cards be placed upon the coops? That the exhibitor may get all that he is entitled to, I say, yes. If your association and exhibitors are likely to be composed of a lot of fault-finders and kickers, in other words afraid of their own shadow, I say no. Do nothing to give them a chance to kick or stir up a fuss. They can not sling mud at the judge then, and say he knew the judge would favor such and such exhibitors. In other words, if you have but little confidence in your judge, and less in your exhibitors, use the latter plan. A better way than either is to do both ways at once. Put your cards up on your coops and then fix up a room or place for the scoring to be done to one side from the show where the judge can be to himself with his clerk and carry the chickens to him. Let this be at a good light window. In this way he will not only be ignorant of whose stock he is scoring but will have the same light upon one bird that he does upon another which is a most important item to be considered. But whatever you do let the judge have a fair chance to do the best work he can and at the same time give the exhibitor all the advertising he is entitled to. If you do this they will come again. Get the awards in your local papers promptly, and make things hum generally.

Score cards should be tallied with either a fountain pen or an indelible pencil. Some places they make duplicate cards to be sure that everything is straight and kept so. I do not believe there are many persons who would tamper with a card to change it but we should not run the chances for the sake of the other exhibitor who would suffer from such work. We can not be too careful.

Nothing in the world is so sweetly satisfying, so thoroughly without alloy as a good home in the country where one may have flowers and fruits and birds and sunny skies to their heart's content, provided that one can thereby have employment that is remunerative and congenial. It is very easy to make poultry work congenial to most any one, if the cash comes in, and there is a subtle charm about a tiny chick that soon begins to grow on one when one understands that their mission in life is to win gold.—*Poultry Life in America.*



IMPRESSIONS BY THE WAY.

H. C. THOMMS.

I HAVE been traveling through East Tennessee for the past eight months and being interested in the poultry business to some extent, have kept a watchful eye on the chickens of the South, as I have driven through the country or traveled on the trains. My first impressions were not very flattering to the poultry industry of the South for almost everywhere I went I found nothing but scrub fowls and in a large majority of cases they were compelled to stick close to nature and roost in the tree tops. Good chicken houses are scarce in this section of the country and in many instances I saw nests nailed to the end of the dwelling houses and in a great many cases the trees in the yard were the receptacle for holding a nest.

The chickens may enjoy outdoor laying and the farmer's wife may enjoy having the eggs handy to gather, but I would not deem it a desirable acquisition to the house, no matter how much the hen might like the location of her laying abode.

A short time ago while driving through the country darkness overtook me and I was pleased to accept the hospitality of a farmer and stay with him over night. He and his family were early risers and the following morning had me up at 4:30, just about break of day. As I stepped out of the door on to the porch, I heard a commotion and a flutter and down caplunk came a big turkey right in front of me. He had flown from a large tree where twelve or fifteen others had roosted during the night and now one after the other came fluttering down. A short distance away another tree was decked out with a goodly crop of fruit in the shape of a lot of hens, each limb having its full quota. Down to old mother earth this motly lot of scrub hens came one after another and started out to look for an early breakfast and I imagine they had to hunt for it, for the farmer's son said they did not feed them anything but the scraps from the table.

On another occasion I was at White Pine where they have a poultry house that buys and ships large quantities of poultry; while there I noticed one party bring in ten cockerels of the mongrel type which weighed just fifteen pounds and at ten

cents a pound he got one dollar and a half; I asked him why he did not raise thoroughbred stock, good Wyandottes, as it was no harder to produce good ones than it was to feed poor little scrub stock. Ten thoroughbred Wyandotte cockerels at same age would easily have weighed forty pounds for which he would have received four dollars, and the cost of production would have been virtually no more than it took to rear ten inferior chicks. I tried to impress it on this man's mind that thoroughbred stock would pay him about a hundred per cent more profit than scrub stock. He no doubt will get something better in the future.

I talk thoroughbred poultry and more of it every chance I get, realizing that the South can produce the best in the world if it only tries.

The farmers of the South should be first class breeders for the man who produces the best will always be sought out by a public who is ever eager to obtain the best.

SHOW DATES.

Huntsville, Ala., December 5, 6, 7, 8, 1905. Jno. L. Hay, Secretary.

Monroe, N. C.—Dec. 12-15, 1905. T. P. Dillon, Secy.; F. J. Marshall, Judge.

Birmingham, Ala.—Dec. 12-15, 1905. Chas. Barber, Secy.; S. B. Johnson, Judge.

Bristol, Tenn., December 13, 14, 15. R. L. Cannon, Secretary; D. M. Owen, Judge.

Atlanta, Ga., December 15-21. C. O. Harwell, Secretary; F. J. Marshall and S. B. Johnston, Judges.

Columbia, Tenn.—Dec. 19-22. R. S. Hopkins, Secy.; F. J. Marshall, Judge.

Cleveland, Tenn.—Dec. 20-22, 1905. A. J. Lawson, Secy.; D. M. Owen, Judge.

Mississippi Poultry and Pet Stock Association, Aberdeen, Miss., December 26 to 30, 1905. Addison Brannon, Secretary.

Nashville, Tenn., January 1-6, 1906. Jno. A. Murkin, Jr., Secretary. Judges F. J. Marshall, Loring Brown.

Augusta Poultry, Pigeon, Belgian Hare and Pet Stock Club, Augusta, Ga., January 8 to 12, 1906. J. W. Kellingsworth, Secretary.

Chattanooga, Tenn., January 10-13, 1906. W. F. Maury, Secretary; F. J. Marshall, Judge.

Charlotte, N. C.—Jan. 16-20, 1906. W. B. Alexander, Secy.; H. P. Schwab, Judge.

Montgomery, Ala., January 18-19. L. D. Teasley, Secretary; S. B. Johnson, Judge.

Knoxville, Tenn.—Jan. 17-19, 1906. R. S. Porter, Secy.; D. M. Owen, Judge.

LaGrange, Ga., February 5-9, 1906, W. S. Davis, Secretary.



"Alice May." Age 4 Mo. One of the winning pen at Alabama State Fair, Birmingham, Ala. Owned by Wilber Bros., Petros, Tenn.



DEVOTED TO EVERY INTEREST OF THE

Poultryman, Live Stock Breeder and Small Farmer

Entered at the Knoxville Postoffice as second-class matter.

J. HOWARD SLEDD **Editor**

ASSOCIATE EDITORS.

F. S. BULLINGTON, *Breeder* Richmond, Va.
 F. J. MARSHALL, *Expert Judge* Atlanta, Ga.
 D. M. OWEN, *Expert Judge* Athens, Tenn.
 J. S. JEFFREY West Raleigh, N. C.
 H. E. BRANCH Chalk Level, Mo.

And a staff of contributors unequaled by any periodical of its class.

Published Monthly by

The Industrious Hen Company

617 GAY STREET, KNOXVILLE, TENN.

Vol. 2

DECEMBER, 1905

No. 7

The Industrious Hen is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry industry, Live Stock breeding and intensive farming. Contributions that are practical and pithy are solicited.

BLUE WRAPPER.

If your paper comes to you in a blue wrapper you will know your subscription has expired, and will be discontinued unless remitted for at once. Do not miss a number but renew now.

SUBSCRIPTION RATES

One year, 50 cents. Payable always in advance
 Sample copy free.

ADVERTISING RATES

Furnished on application. The value of *The Industrious Hen* as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest Poultry journal in the United States to advertise in. Advertisements, to insure insertions in the issue of any month, should reach this office not later than the 25th of the month preceding.

Breeders' Plain Cards will be run at the rate of one cent per word each insertion. Numbers and initials count as words. No card taken for less than 25 cents.

The Industrious Hen reserves the right to reject any advertisement for cause.

H. E. Branch The article of H. E. Branch is well worth your careful study. Look it over carefully and see how close he comes to expressing your sentiments.

* * * *

Have you noted the trend of the general poultry press? If not get your glasses wiped off and see how they are asking for the practical in poultry culture. It has been the one thing the HEN has cackled about all the time—practical poultry is profitable poultry, and profitable poultry is pure bred poultry, ergo: Use pure bred poultry.

* * * *

Before the HEN visits you again the Christmas tide will be past. The season of festivity and of rejoicing will be over.

Merry Christmas It is pleasant to send to our thousands of friends the greetings meet for the occasion.

The work of the year has been pleasant, if strenuous, and with the holidays spent in the labor of love I hope to enter, with every reader, a New Year that shall be more profitable, prosperous and pleasant than even those of the past. 'Tis not in mortal man to command success, but we'll do more, Sempronius, we'll deserve it."

A pleasant announcement is it that the HEN has established a branch office in Nashville, Tenn., and has been able to secure the services of Mr. John A. Murkin, Jr., the hustling secretary of the Tennessee State Breeders Association, as her manager in that territory. Mr. Murkin will have at his office a full supply of copies of the HEN and will take your subscription or your advertising. He will have his territory well represented in each issue of the paper and with such an able co-adjutor on the ground I feel that the work of the HEN will be made better and better. Do not fail to see Mr. Murkin and give him your advertising copy and a subscription for yourself and your friends in the country.

* * * *

Determined to fill the needs of my readers as far as possible there will be found a few new departments in this issue that I think will prove of interest. Be sure you look them up—but that is unnecessary advice for from the comments I hear on the various articles that are published in the columns of this paper I am sure that it is examined and read more closely than many of my readers will examine the birds they intend to put in the shows; yes, closer than the judge examines your bird looking for defects. These departments are simply additions and do not take up any of the space given to poultry but are added pages and added information that I am enabled to give by your very kindly support. You can expect to see something good in them for I have the promise of contributions for them from the keenest thinkers and best informed men in the state along these lines.

* * * *

Before this issue gets into the hands of my far-away readers I shall have started on my rounds among the shows. Please remember that the HEN will not only give a full list of all the winners, but will have ample space devoted to the editor's correspondence, and his comments will be as crisp as he can make them and will not be made from memory or from hearsay. He will say his say to his stenographer while all he sees and hears is fresh before him. He will express his opinion honestly and fearlessly and hopes during his rounds to gather and collate much that will be of interest to every breeder in the country. It will be impossible for him to visit every show on the circuit in person, but where he is unable to be present he will make arrangements with some person who will get him the news from your show promptly and will depend on the secretary for a prompt forwarding of the complete list of awards. Watch for his advance cards and be ready to meet him.

* * * *

The judge of a poultry show has a pretty rough road to travel at best. Try and make his work as pleasant for him as you can and add nothing to his labor by captious criticism. As an exhibitor go determined to accept his decision without question unless the offence on his part is so flagrant that in common justice to the fraternity it needs to be taken up. Remember that the judge is only a man and that his interpretation of the Standard is more likely to be correct than your own. If he is a capable man he has made a careful study of the Standard and is applying it as he has interpreted it. The veriest "kickers" it has ever been my pleasure to meet had never seen a Standard and I feel sure that every reader of the Standard fully appreciates the fact that it is not mastered in a day. Look well to your birds before they start from home and see that they are in proper trim and then come up like a "true blue" and accept the decision of the powers that be. Don't walk around with a chip on your shoulder and hunt up some one to knock it off. Be the true Southern gentlemen that you are and do not discount your birthright.

Friends of the HEN will be gratified to read in our advertising pages the liberal offers we are making to get new subscribers. While our subscription list has grown far and beyond our most sanguine hopes, we are not satisfied that a farmer or a poultryman in the South shall not have an opportunity to get so much real good, practical information as is being published in each issue of THE INDUSTRIOUS HEN. We have been fortunate in getting from the manufacturer a line of articles that are useful and will appeal to every household. We have put prices on these premiums as low as it is possible to do—by cutting out the jobber and the middleman and have made it possible, by our liberal offer, for every article on the list to be obtained without costing a single cent of money. Read the list carefully and make up your mind to capture one of these grand prizes. Every subscription sent us will be paid for and every purchaser gets a subscription to the HEN free.

I am pleased to say to my many readers that arrangements have been made whereby the editor of this journal becomes the Poultryman to the University of Tennessee. The work will be systematically carried on and modern and practical houses built, while incubators and brooders will be used for the purpose of hatching and rearing the stock. The best of all appliances will be procured and the results of all the work done will appear as a monthly symposium in the columns of the HEN. An effort will be made to so organize and administer the department that every farmer and breeder in the state will be benefited by its establishment. Not only will the editor have ample opportunity to search into the causes of and the remedies for the diseases to which chicks are subject and the relative value of food rations as they relate to profitable egg production but he will have the support of the faculty of the Experiment Station in all of its departments. This will enable him to give the most accurate and latest information to his readers in all lines of work in which our breeders and our farmers are interested. The addition of a poultry department to the work at the Experiment Station is a recognition of the value of that industry and has been in contemplation for some time. Now it is an accomplished fact and every effort will be made to make the department of value to those interested in poultry culture and keep it fully abreast with the other departments of the institution.

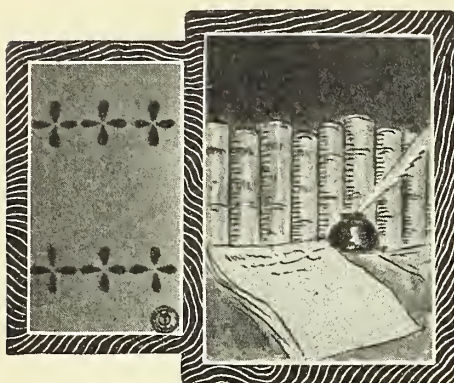
By an increase in the number of pages and because of the demand for such literature there have been added to the HEN a department on "Live Stock" under the caption "Our Four-Footed Friends" and one on "Farm and Garden." This is done, not at any sacrifice to the poultry interest but, as announced elsewhere by the enlargement of the periodical. THE HEN simply spreads her wings over a wider field of effort. The editor has had much experience on the farm but he is first and last a poultry enthusiast—a crank, if you will, on that branch of the live stock industry. He would hesitate very much to introduce these departments if he were not sure of his support and that of the best material. He knows that the dissemination of erroneous ideas—crude suggestions—often work havoc and that this putting out of untried theories results in many instances in turning men from the scientific work of progressive stock-breeding and farming. Realizing these truths he has been slow, with a slowness that he trusts was of caution and that means success. In assuming the work of the Poultryman at the Experiment Station of the University of Tennessee he has been given the cordial support of every member of the faculty at the station and they in their work of experiment are in a position, with their years of experience, to give such valuable matter in these departments as can not be gained from other sources. By this addition to the scope of the HEN I feel that the very best in-

terests of Poultry, Live Stock and the Farm will be conserved and I have no hesitancy in asking for a continued and larger support of the HEN.

Make it a point to visit all the shows you can and to have some of your best birds on hand. Don't go and stand around and take in all that is to be seen and then say with a sarcastic grin to the happy owner of a prize winner who is proudly telling you of the good points in his bird—"That bird is nothing extra, I've some of the same breed at home that would lay anything here in the shade." Such talk does you no good; the real good breeder looks upon it as what is popularly called "Buncombe." To use a slang expression that has grown very popular you had "better cut it out." Then too, I wish to insist that you carry your good manners with you. Don't think that because you are at a poultry show, and away from home, you have license to make a nuisance of yourself. It isn't a reflection on you that I write this but it is a caution. I know how easy it is to forget and how often a little provocation will call forth the evil passions and that when they are given rein how easy they get control of all the better instincts and feelings. Another matter that I would stress is; that the good wife, who has in very many cases had the trouble and the worry in rearing and in fitting the birds, you are now so proud of, be given due credit and as far as possible be permitted to enjoy the pleasures that come to those who win. Where it is at all possible let her be your companion to the show. Rest assured that it will afford her as much pleasure as it does you and will be a vacation from the steady and often wearisome work of the home. She deserves it and you will feel better for giving her an outing.

It is evident from the correspondence that reaches my desk that Southern Poultrymen are looking forward to the organization of the Southern Association at Atlanta with a good deal of pleasure, and are planning large things at the outcome of that meeting. It is an organization that presents itself as almost a necessity for the best interests of the fraternity. I doubt not that many plans will be presented for its government and many ideas will be advanced as to what its proper work shall be and how best to meet the needs of the hour. Among so many men of brains there will most certainly be evolved some plan of procedure that will work for the good of all. The work will not be accomplished in a day nor will it be done without labor. A perfect organization can and should be one that would so work that every interest of the poultrymen would be fully protected. It seems to this writer that the general association should be made a governing body and after its organization should be composed of delegates from the various state associations. The state associations should be made up of delegates from the various county associations. Thus would be formed an association that would have some foundation in fact and would be certainly representative of the great body of poultrymen. This I know will require a great deal of work and much perseverance but there is that quality in the Southern breeder that will assuredly bring all the issues that present themselves to a successful conclusion. I would urge the fullest attendance at Atlanta and that every man go determined to do his level best for the advancement of his loved employ. Let no man go with an axe to grind nor with any other thought than the one that should be kept before us all the time and that: "How can I best further the poultry industry in the South?"

J. Howard Shead

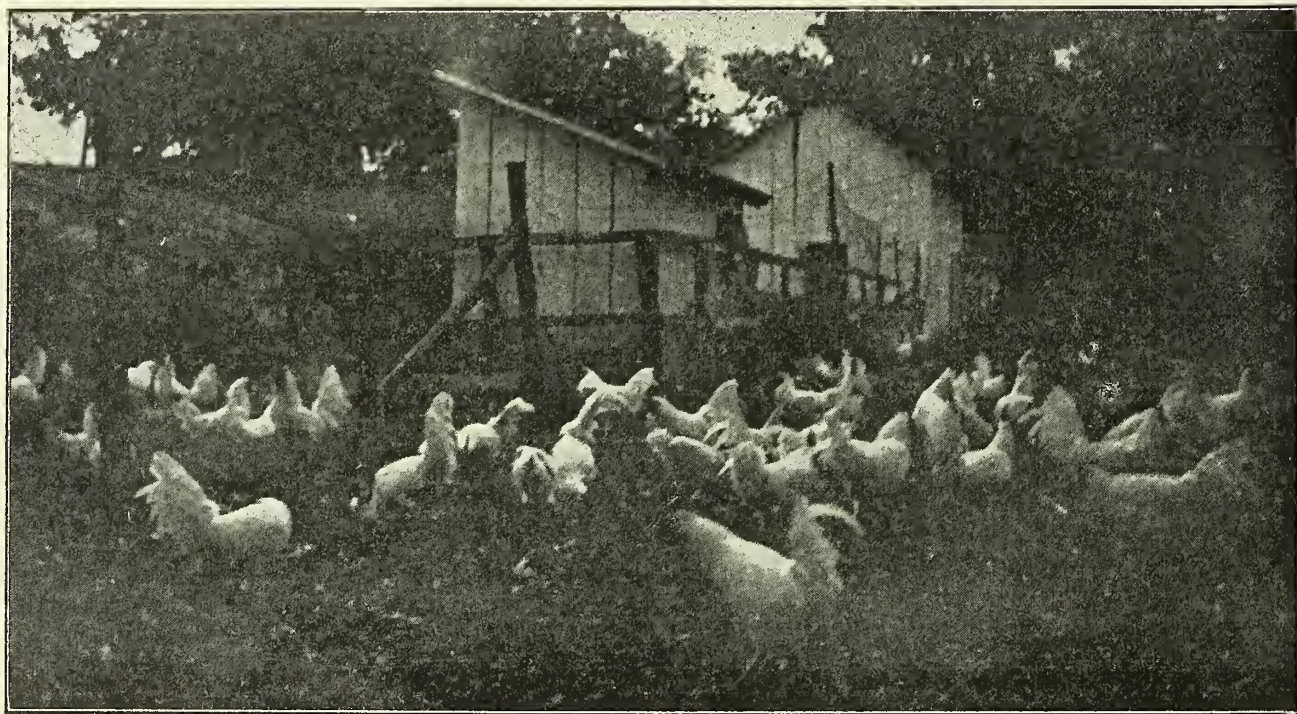


EDITORIAL CORRESPONDENCE

"Whistling over the mountain,
Buzzing over the vale,
Bless me, this is pleasant,
Riding on the rail."

In the month of November, 1904, I had the privilege of placing the awards on the birds shown at the Cleveland, Tenn., fair and again the present year I was summoned to that town to do the work of a poultry judge. I was nothing loth for there I had met many poultrymen of the true type. Men who were in earnest in their efforts to improve their fowls and were desirous of making the breeding of pure bred poultry such a success that those around them might see the advantage to be gained by discarding their mongrel stock. The quality of the birds shown was good but the numbers shown were not so many as last year. This is, however, very easily accounted

cess of the work. It was a pleasure to talk to G. W. Coleman about his Barred Plymouth Rocks and to note the fact that he appreciated the necessity of quiet and careful handling and that he had a love for his feathered pets that will go far toward helping him to make a more than ordinary success. He will prove up well and make some of those that are now running in the lead look out for their laurels. Then I saw some Brown Leghorns that were bred by Rev. Mr. Munsey that were fine in shape and of grand size. This was a real treat for it is a fact that very many Leghorns have been bred for feather and so closely inbred that they have lost in size. These birds were good. There were very many others around me whose names I fail to recall and as I have not been furnished with the complete list of awards I can not give them. The show would not have been complete had Pryor Walker not been there. He had no birds on exhibition because of the fact that his time was



A Promising Bunch of Cockerels at 5 Mo. of age. Sired by White King. Bred by Wilber Bros., Petros, Tenn.

for. They have a good active poultry association and will hold their first annual show in December and very many of the breeders were holding their best specimens for that occasion. All in all it was a creditable exhibit. Among our former acquaintances we found Lawson and Varnell on hand with Buff Orpingtons, White Leghorns and White Wyandottes, that took their full share of the prizes offered. These gentlemen are in the poultry business more extensively, perhaps, than any others around Cleveland, having a good sized farm within easy driving distance that is devoted exclusively to the industry. They will have a string of their birds at many of the winter shows and I doubt not will get their full share of the prizes. When I had finished up my work I learned that the Buff Wyandottes on exhibition were the property of my friend, Walter Rodgers. He is closing out what he has of this breed, having made up his mind to breed only the Buff Rocks. He is a careful breeder and whatever breed he may handle he will make a suc-

taken up with matters that could not be pushed aside. He had, however, sent the winners to Atlanta as you will note in another place in this journal.

Hastening back to my desk I got me a number of the HENS and took my way to Madisonville, Tenn.—where the HEN was incubated and hatched—to judge the first show of the Monroe County Association. It was a revelation and showed what a harvest could be produced by the sowing of good seed and by proper culture. The County Court had given the boys the use of ample space in the Court House and the merchants of the town had contributed a nice sum of ready money to be used as premiums. No entry fees were charged either the exhibitor or the visitor and although the morning was gloomy the birds soon began to come in and it was not long before the visitors were crowding every available space. It was a sure-enough chicken show. With Hon. R. V. Hicks, C. W. Hale, King Walker, Greenwood, Lamberts and others in charge

everything was soon running smoothly and this writer, with R. H. Hudson, of the H. & R. Mfg. Co., as secretary, was soon hard at work in my efforts to give justice to each one who had birds in the room. It was a task and yet a pleasure.

It was with difficulty I found time to judge these two shows owing to the great amount of office work devolving on me as editor of the HEN. I had been forced to decline to serve very many of those who desired my services, but now, with an increase in my forces and every phase of the work systematized, I will in the future be in a position to serve more of those who may need and desire me. I inject this paragraph that my friends in other fields may know why I declined to serve them and yet served in these cases.

The interest shown by those around was evidenced by the many questions as to why I made such and such cuts and it took the "Standard" answer to satisfy. No one present save those who seemed to enjoy the day and I verily think each one returned home with a determination to get their fowls in better trim for the next show and to do all they could to advance the interest of more and better poultry in old Monroe County. It was a feast to meet so many of those whose acquaintance I had made while sojourning in their little town. There was my former colleague in the publication of this journal with R. I. Reds that are bred right and that he will surely fit for some of our larger shows, and then he had in addition geese and ducks and turkeys. I had a pleasant afternoon and night at his hospitable home and enjoyed converse with him and his "better half." A social hour and the breaking of bread with Capt. T. F. Peck of the *Citizen*, and a look at his specimens of gold found on his Coker Creek property gave me an insight into very many things of which I had been but faintly cognizant. The captain, as he is familiarly called, is an instructive and entertaining conversationalist. Then I had a hearty handshake from the Walker Bros., and their father and mother. Mrs. Walker is breeding turkeys and I think you will find elsewhere in these columns that she took the first prize on her mammoth Tom. Charley Hale and his wife were there and the memories of many pleasant visits to their home were in mind as I talked with them and heard their words of praise for the HEN and their success with their fowls. Then there was Fred Peace and his household and his newly acquired partner, Greenwood, and an host of others. A pleasant drive to Hiwassee College, in the late afternoon, an evening with the brethren, a night with my host of Hotel Clue where I felt at mine ease and then in the early hours I was away. You will find a full list of the awards elsewhere in these columns. It would have been pleasant to have been so situated that I could have accepted the hospitality of so many friends, but I was due at the West Tennessee Farmers Institute at Jackson, Tenn.

Running into Knoxville to an early breakfast and then spending an hour with my stenographer, I caught the train over the T. C.—the Scenic Route—to Nashville. By appointment I met Jno. A. Murkin, Jr., the secretary of the Nashville contingent, and spent the time with him in discussing the outlook for the industry and the Nashville show in particular until time for rest. Again the early hours found me hastening on to Jackson and from here I had the company of others who, like myself, were "on duty." Notably Prof. Bain, and Miss Gilchrist, both of the faculty of the University of Tennessee. One to speak on the diseases of clover, the other to tell the farmers wives something of household economics. In due time we were comfortably stowed away at the Southern, the leading hotel, of this enterprising and pretty little town away out in West Tennessee—being only about eighty miles from Memphis. Was there any interest in the Institute? Could you have been on the rostrum in the chapel of the Southwestern Baptist University, where the meeting was held, and have looked into the eager intelligent faces, as I did, you would not stop to ask such a question. The house was filled at every meeting and when the crowd was turned loose to ask questions

they kept the speaker busy and the questions asked evidenced the fact that they were after knowledge. The entire program was well arranged and carried out and too much credit can not be given our Commissioner of Agriculture, Hon. W. W. Ogilvie, for his painstaking care to see that those engaged to deliver the addresses were promptly on hand. In the conduct of these institutes the commissioner is doing a great work for the state and is only hampered in doing the more by the lack of funds. I did not hear all the addresses, much to my regret, but I did hear some of them and I trust that in the years to come when I shall be able to sit down under my own vine and fig tree I shall be able to put the teachings of these gentlemen into my farming. An address from Dr. Ayres, the president of the University of Tennessee, was pointed and gave very succinctly the advantages to be gained by a boy or girl who would attend the course in agriculture at that institution and then go and put his teaching and training into practice. He impressed the people with the fact that the institution over which he presides was theirs and was intended to fit their sons and daughters for the work of life. Taking nothing from the lessons taught by all the speakers but giving to each his due mead of praise I can not refrain from saying that Miss Gilchrist, who occupies the chair of Economics at the University, was easily the one who held the closest attention of the audience and demonstrated most conclusively that she was a master in her specialty. With a presence that is in itself commanding and a voice of unusual compass she told her auditors what they were made of and how they should care for their bodies. She was very happy in her illustrations and in her unique way of sending a well sharpened arrow behind the shields of those who had deemed such instruction of no importance.

The writer was the poultryman for the occasion. When all is said and done the West Tennessee Farmer's Institute was a success and the management is to be congratulated. I trust to meet them again.



2 Breeding Pens, 2 Exhibition Trios, and 2 Exhibition Cockerels, for customers in Iowa, Florida, Nebraska, South Carolina, Georgia and Missouri. Shipped by Wilber Bros., Petros, Tenn. Their advertisement in this paper is credited by them with this good shipment.

UTILITY POULTRY—WHAT DOES IT MEAN.

MICHAEL K. BOYER, in *Commercial Poultry*.

UTILITY poultry culture does not mean, as too many suppose, an endorsement of the common, mongrel, dunghill fowl. On the contrary, it calls for strictly pure-bred stock, and no other will successfully do the work. Twenty years ago, when the broiler boom was on at Hammonton, N. J., nothing but common stock was used, and as a result not one of the broiler raisers of that day is in business at the present time. The reason is plain: By using common eggs the hatch would produce all sizes, shapes and conditions of chicks, and when the time arrived to market it was found that in the pens were probably but a third fit in weight and condition to ship. The rest had to be held from one to four weeks longer. This entailed an extra cost that consumed the profits, and it was utterly impossible to get gilt-edged stock to market. About ten years ago a different class of broiler raisers developed in the same town; they kept nothing but strictly pure stock (principally White Wyandottes). Instead of being compelled to assort the sizes and conditions, as was the case with the common stock, the present poultrymen are able to clean up a pen at a time, the chicks growing more evenly and quickly. Today broiler raising has become a profitable industry in Hammonton, as well as different sections of the country, and all because the dunghill has been supplanted by the pure-bred fowl.

It is the same in raising roasting fowls for market, and it is the same in the egg business. By the use of a single breed on an egg farm, the eggs are more uniform in size, color and shape, and naturally command a more ready market and at better prices.

What is meant by utility poultry is nothing more nor less than pure breeds mated strictly for the increase of plump, meaty carcasses, good egg records, larger and better-shaped eggs, and of a more uniform color. Together with the perfection of the output, utility poultry must have the best of constitution, must be strongly built—in short, it must be a hardy business fowl.

It was not so many years ago that the birds coming from the yards of fanciers were anything but practical. To fit them for exhibition purposes they were inbred and pampered until they became nothing more than "a polished gentleman with a broken-down constitution." They were poor layers and furnished carcasses that the utility man of the present day would sort out and dispose of as "ordinary." It was this fact that led the poulterers to resort to crossing, and at one time that art was so extensively practiced that it threatened the business of the fancier.

Wise men are always willing to learn. The fanciers quickly caught on to the fact that a different policy must be pursued, and the result is that today we have breeds that are not only practical, but so superior to crosses (to say nothing of dunghills) that we seldom see any but the pure-blooded fowl in the poulterer's yards. Even the farmer, the man who several years ago classed all poultry alike, is recognizing the fact that to have success he must keep stock in their purity.

But the practical poultryman does not alone rely upon the stock as he gets it from the breeder. He tests each individual bird thoroughly, and all that do not reach his ideal are discarded, no matter what their merits may be in regard to outside adornment. The trap nest has been a god-send to him in this work. By it he has been able to pick out the good, bad and indifferent layers. He is able to mate up pens for future stock from the cream of his flock. He mates according to record.

Some years ago poultry was divided into four classes—the standard-bred, pure-bred, half-breed and common. The standard-bred were for exhibition purposes only; the pure-bred and the half-breed for practical purposes; and the common or dunghill for such fogies who held that "a chicken is a

chicken." The standard-bred was prized more as a hobby, and generally kept in the back yards of some enthusiasts. They had very little to recommend them save their beauty.

The pure-bred was a bird, as it is today, of the same blood as the exhibition fowl, but generally deficient in the so-called "points" necessary to make them winners in the show room. The average pure-bred on the practical farm will have some disqualification that a poultry judge will notice, but if it is bred in the proper manner it will not only be a better layer than the standard-bred, but will have a better carcass, and possess a constitution "as hard as iron."

The half-breed was the cross-bred, the result of a union of two different classes of pure-breds. When the crossing was systematically made, it represented quick growth, plump carcasses, heavy egg yield from pullets, and a rugged constitution.

The common or dunghill or mongrel fowl is the result of careless work. Originally it descended from pure-bred stock, but afterwards was allowed to mix with the blood of other varieties until it deteriorated into mere nothing. Mongrels were often manufactured from cross-breeds. In other words, cross-bred females were mated to cross-bred males, or even cross-bred males with pure-bred females, made the stock grow worse each year. That is the way the mongrel was created, and we most emphatically declare that no practical poultryman can afford to waste time or money on that kind.

Let us take a little testimony on the value of utility in poultry. Let us quote some authorities:

I. K. Felch says the practical qualities are the foundation of the poultry industry. "Rob a breed of utility, and breeder after breeder will desert it in disgust, until very few will be found who will keep the breed."

Judge G. O. Brown: "The points that constitute the general make-up of a pure-bred fowl should only be looked at sufficiently to insure purity. The effort to develop in an extravagant degree any particular feature or point will invariably be carried out at the expense of utility. If poultry breeders would pay more attention to developing utility there would be more demand for poultry, and more people would become interested."

E. O. Roessle: "To start with thoroughbred stock I believe in fully. The strongest and healthiest specimens one can obtain are none too good for the market branch. These are getting scarce enough, and it would pay breeders better to improve their flocks with this end in view than to devote so much to form and feathers."

H. W. Collingwood: "I don't care to buy any more hens unless I know what their female ancestors have done. The dairy cow and the laying hens are creatures of nerve and inherited habit. They are not mere machines taking in food at one end and rolling out milk or eggs at the other."

What the poultry world really needs is a larger class of poultry breeders. The utility man need not entirely confine himself to raising table eggs and meat. It is perfectly legitimate for him to sell eggs for hatching and birds for breeders from his utility stock. He who can produce large egg records or superior market breeders will very often be lacking in high scores in his flocks, but they will have a more worthy record than that which a poultry judge can give. The utility breeder selects his stock from among his best workers, seeing a more beautiful object in an industrious, profitable hen than in one trimmed to the highest fashion and nothing more to recommend it. The fancier mates according to the requirements of the Standard, without regarding the fact that the hen has a good or a bad egg record. He matches for points, while the utility man matches for eggs. Supposing the fact that the male bird that heads his flock was hatched from an egg laid by a hen that laid but four or five dozen eggs during the entire year, and that the hens composing the flock to which this male is mated would not average over that number, per hen, what can be expected of the offspring? Is it reasonable to suppose they will lay any more than their parents?

The utility man, on the other hand, will not use a female in his breeding pens that laid less than one hundred eggs during the previous year as a pullet, and he chooses his males from flocks of the highest records. In this way each generation becomes more prolific.

But, the argument is often placed, will not the utility strains deteriorate in markings and characteristic of the breed if they are mated up alone for their practical qualities and no heed being taken of disqualifications? Let us explain. In that explanation we must refer to our methods: We use trap-nests in our pens. These nests we run from October 1 to the last of May. During the months of June, July and August the traps are discarded. Our object is not so much the number of eggs a hen will lay in a year as it is the number she will lay during the coldest part of the year, a time when the prices for that commodity are the highest. We want good winter layers. During this time we keep a strict account of each day's production, and at the end of the term the total for each hen is made up. All pullets that have given us nine or more dozen eggs during that period of nine months are retained for next year's breeders; all under nine dozen are at once disposed of. If we have more pullets that reach the mark of merit than we have room for then we make a selection for best size, best shape and best color in eggs. While we are making this test with our pullets we are doing the same with yearling hens. All hens that reach the mark are kept over another year, and, in fact, continued in the flock so long as they prove their worth. Our plan is not to discard a hen on account of her age, but rather on account of her work.

At one time we believed that great egg records were alone made by stimulating food; we have somewhat changed our opinion. Experience has taught us that while stimulating food will produce eggs it will also destroy the hen's future both as a layer and a breeder. The trap-nest system has given us a method for selecting pullets that have inherited the laying qualities of their parents, and by mating these to males that have also come from meritorious stock we are gradually building up our laying strains. As we are doing this work gradually we are not making these records at the sacrifice of hardiness and vigor, as ultimately is the case when a rich, stimulating diet is fed.

Now when selecting the males to head the flocks we choose brothers. These birds are in no wise related to the females, and they are not only selected according to the records of their mothers, but also according to the nearness they come to the characteristics of the breed, or, as it might be said, to the requirements of the Standard. The result is that after ten years' careful breeding we have flocks that are creditable representatives of the breed, and birds that are business in every sense of the word.

The first aim should be the utility qualities, and then breed as near the Standard requirements as possible without affecting the former. It is surprising how near by that method we can come to the Standard law. Use common sense, remembering that poultry was originally created for food and not show.

ORGANIZE COUNTY ASSOCIATIONS.

Intensive farming—the war cry today intensive culture—the 200 egg hen, the acre to produce 40 to 60 bushels of wheat instead of 13 bushels, as now the average. It costs no more per acre to plow and to plant, it takes no more time to care for the 200 egg hen than the one that lays but 100 eggs in the 12 months.

It is not the question of doubling the present product of the earth and farm, but the production of the same quantity on one-fourth or half the area and at nearly one-half the expense in labor.

In all farm products it has long since been demonstrated that phenomenally large crops sell for less profit to the farmers

than do the rational and medium crops that are just equal to the demand as a food supply for the nation.

Intensive farming with the full control of the output and sale of the same is the question of the hour.

This can best be secured by unity of action by the community of farmers.

I do not believe as many do, that nothing can be done until a full combine of the majority of the farmers of the country have organized; for example goes a great way towards bringing such a stage about.

If a prominent county in any one of our large agricultural states were to come together and concentrate their whole product of cereals under the management of one man of their own choice, a far better price would be secured, for the reason that the expense attending its sale would be minimized.

By machinery could the entire wheat crop of the country be graded into No. 1, 2, 3 and screenings before it left the farmers' headquarters and each farmer receive the very fullness of price for such commodities.

Such an example of combining would be contagious and in time would have our county, state and national control.

It is useless to talk without action begun by county organization and control by the states and the nation.

If there is to be a control of the products of the land it should be the farmer who should do it and if he will rise in his might and energy he can control the crops to the extent that these life sustaining products will pay a good profit upon the cost of production.

If there is a community that should control the poultry industry it is the farmers of America.

But do they?

We are compelled to say, No.

They could if they would not only control the industry, as it handles the food supply, as well as hold the balance of power in the world of the fancier, we see that they could secure the bulk of the trade for exhibition and first-class breeding purposes.

They should in each county establish a yearly exhibition and headquarters by putting in as superintendent and sale agent, a man of their own election, and send to this headquarters all their eggs and dead poultry for sale and through him advertise first the exhibition and second the trade as well as making him the superintendent of your county expositions which would bring your business and county into notice, as producers of the best of that found in the breeds of chickens, ducks, geese and turkeys.

Concerted and unity of action and under the least expense would surely bring such a county into a control and trade in this industry which is second to no other agricultural industry.

In union there is strength. No matter what the calling.

We have now 16 million families as consumers that take an average of eggs and poultry each year of \$50 worth, or a grand aggregate of 800 millions of dollars. Do you, farmers, want a larger field to cater to? Bring your energies together and capture the profits.

Diversified but strenuous effort to make each acre yield its very most, before you expend any labor on another acre.

Make each branch pay its very most before adding a second branch.

Concentrate and work with a will to control that you do elect to be identified with and success will surely follow.—*I. K. Felch in Poultry and Pet Stock.*

The business hen is recognized today as the one uniform in size, round and plump in her make-up, a good, active searcher and scratcher for food, a regular egg producer, and one that when she has finished her duties on earth is fine and finished for the market still, where she will present an attractive appearance and bring the highest price from the purchaser. This kind of poultry is now most popular throughout the country.



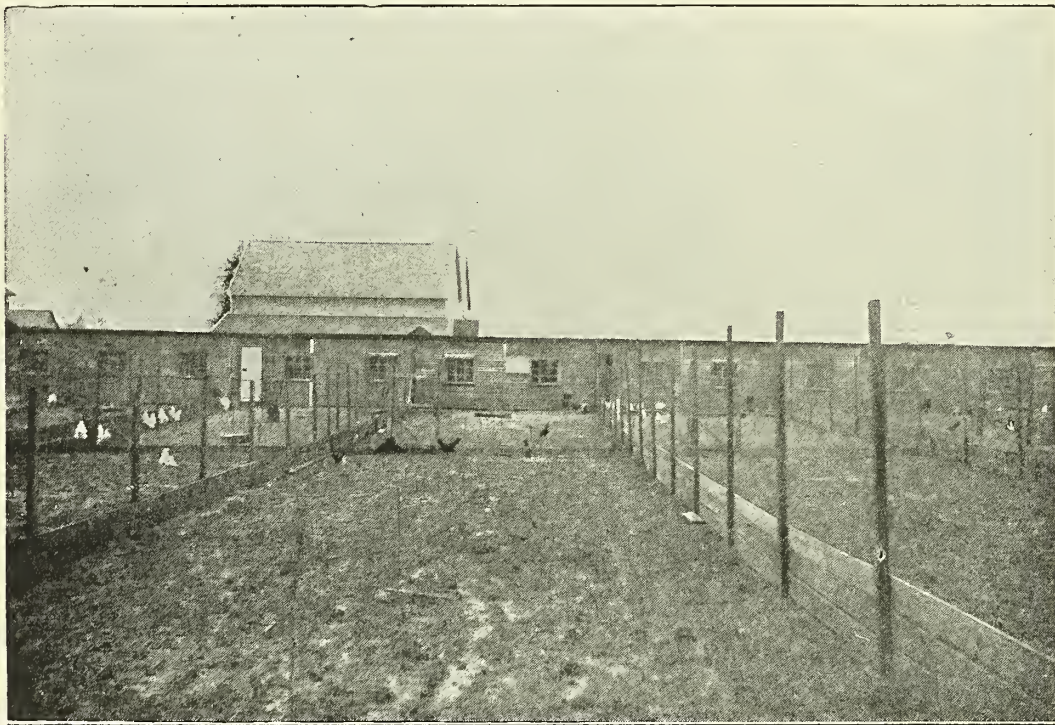
TURKEY DEPARTMENT

Starting With Turkeys.

"Turkey Bulletin" (No. 222) by the department of agriculture, contains the following three general rules for selecting stock:

First—Always use as breeders turkey hens over one year old. Be sure they are strong, healthy and vigorous, and of good, medium size. In no instance select the smaller ones. Do not strive to have them unnaturally large.

Second—The male may be a yearling or older. Do not imagine that the large, overgrown males are the best. Strength, health and vigor, with well-proportioned, medium size, are the main points of excellence.



Laying House No. 1 at Belle Mead Poultry Farm, Birmingham, Ala.

Third—Avoid close breeding. New blood is of vital importance to turkeys. Better send a thousand miles for a new male than risk the chances of inbreeding. Secure one in the fall, so as to be assured of his health and vigor prior to the breeding season.

Regarding the kind of hens to select, the following advice is given: No matter what variety of turkeys may be selected for keeping, they should above all things be strong, vigorous, healthy and well matured, but not akin. Better secure the females from one locality and the male from another to insure their non-relationship, rather than run the risk of inbreeding. In all fowls it is well to remember that size is influenced largely

by the female and the color and finish by the male. Securing over-large males to pair with small, weakly hens is not wise policy. A medium sized male with good, fair-sized females of good constitutional vigor and mature age, will do far better than the largest with the smallest females.

The Turkey.

A magazine once reviewed the Thanksgiving menus of one hundred important hotels and reported that turkey was the only one dish found on every one. This goes to show that the turkey is generally considered the monarch of the Thanksgiving feast.

week. At which time, among other recreations, we exercised our arms, many of the Indians coming among us, among the rest their king, Massasoit, with some ninety men, whom for three days we entertained and feasted."

When Benjamin Franklin was abroad, an Englishman asked him why the Americans had selected a stupid, uneatable eagle as their emblem, when they had furnished them such a noble bird as the turkey.

The story is told of an epicure who said, "We have just been dining on a superb turkey, tender and delicate; we left nothing but the bones." When asked how many the "we" included he replied "two; the turkey and myself."

Since 1875, the "turkey king" of Rhode Island, has each year sent a splendid turkey to grace the President's table on Thanksgiving Day.—R. F. in *Successful Farming*.

The Color of Turkeys.

The distinguishing feature in the different breeds of turkeys is in the color of the plumage and the size, writes a correspondent of *American Cultivator*. The bronze and the Narragansett are the larger varieties, the slate and the buff are next in size, and the white Holland and the black are the smaller birds.

Next to the bronze, the white Hollands are probably the most popular and are one of the hardiest and most profitable varieties to keep. Their beautiful, snowy white plumage, bright red neck and head and black beard on the breast give them a most striking appearance. The standard weight is less than for most other varieties, ranging from ten pounds for young birds to twenty-six pounds for old males, but the size is very satisfactory on the market, as it is not always the largest birds that command the best prices.

The Narragansetts, which are next to the bronze in size, have been perfected in the New England states, especially in Rhode Island and Connecticut. Their color is black underneath, with each feather ending in a point of steel gray edged with black. This gives a grayish cast to the entire plumage. As they are full breasted and have a proud and upright carriage, they make beautiful birds. They are strong and vigorous, the standard weight for the male being from

Where the turkey got his name is not definitely known, but it is thought to be from his note "turk, turk, turk."

Wild turkeys were found in great abundance in America when it was first discovered, and were taken by some of the early explorers back to Europe. It was said that the turkey was "the most beautiful present made by the New World to the Old."

The following account of the first Thanksgiving celebrated at Plymouth in 1621, is given in one of the old records: "Our governor sent four men fowling so that we might, after a special manner, rejoice together. The four in one day killed as much fowl as, with a little help besides, served the company nearly a

twenty to thirty pounds and for the female from twelve to eighteen pounds.

The buff and slate varieties are not so common. In the buff the Standard calls for a pure buff color throughout the entire plumage. The standard weight runs from eighteen to twenty-seven pounds for males and from twelve to eighteen for females. However, I believe that these extreme weights are seldom attained.

It would seem more appropriate if the slate turkey had been called blue, as the Standard calls for a solid or ashy blue plumage throughout. The female is lighter colored than the male. The weights range from eighteen to twenty-seven pounds for males and twelve to eighteen for females.

The blacks are not as common as any of these other varieties and have been neglected for some years. However, interest in them has again been awakened, and they have become a very desirable variety. Many of our common flocks of turkeys resemble the blacks more than any other of the standard breeds.

Preparing the Turkey.

The turkey should be killed at least one day before it is to be cooked, and many think it is improved if allowed to season three or four days.

It is best to get the turkey ready for stuffing on the day before.

Stuffing.—Break stale bread, crackers if desired, into small pieces, season with salt, pepper and butter, then pour hot water over it and allow to get light. Oysters, or the giblets chopped fine, or small pieces of calves liver, may be added. Chopped nuts of any variety are also much used in the stuffing.

The turkey should be in such condition that every part may be eaten, with the exception of the bones. After being washed it should be dried, then rubbed thoroughly, inside and out with flour, salt and pepper. Stuff crop cavity first, then the one below the breast bone should be sewed with string.

Most people place the turkey on the back in the pan, but the French cooks think the breast meat is in better condition if the bird is placed on the breast while cooking. Others put in a shallow rack to keep the turkey from the bottom of the pan.

It is well to put it dry into a hot oven for a few minutes, then add water and allow it to cook more slowly, basting frequently, and turning. If there is not sufficient fat, butter should be added. A medium sized turkey should cook in two hours. When done, it should be loose in the joints, and dark brown in color. Place turkey on table with neck to carver's left hand. To keep it from slipping lay a piece of white linen under the

bird. The darkey called this making a bed for her turkey. She also laid napkins in folds around the turkey. Some object to this plan because the linen absorbs the juices, others say it keeps the pieces from pulling from the platter as they are cut. If used, garnishings of green look pretty upon it.—*R. F. in Successful Farming.*

White Turkeys.

White turkeys were formerly quite delicate and rather small, but now are more generally developed. This change is attributed to the infusion of the blood of white sports from either the Bronze or Naragansett varieties, which has improved both size and vigor, but detracted from the color of shanks and plumage. In some instances the shanks are not quite so true a pinkish white as is demanded and the plumage is clouded;



Laying House No. 2 at Belle Mead Poultry Farm, Birmingham, Ala.

but this in no way detracts from their value for market purposes. The standard of weight is less for the whites than for other varieties. They range from ten pounds for young hens to twenty-six pounds for old toms. Recently some toms have been seen that weighed thirty-five pounds in show condition, but this weight is quite unusual.—*Exchange.*

Profit in Turkeys.

There are about 6,500,000 turkeys produced each year in the United States, and the price ranges from 12 to 20 cents a pound at wholesale. The demand is usually much greater than the supply. As turkeys can be produced at a maximum cost of 8 cents a pound, there is no reason why they should not be raised more extensively. There is no flesh on the farm that will show a greater profit. Farmers living in the vicinity of towns

can readily dispose of their entire crop to private customers at retail prices and need not depend on shippers or middlemen at all. As in all stock breeding, the greatest profit comes from disposing of the fatted product as early as possible. For this reason and because the birds fatten more readily in warm than in very cold weather the greatest profit comes from marketing at Thanksgiving.—*Cor. American Cultivator.*

Clover for Egg Production.

Clover has just the material in it to form eggshell, and is an essential part of every ration for chickens. There are nearly 30 lbs. of lime in each 1,000 lbs. of clover. Hens fed daily on clover will prove better egg layers than those without. Clover hay should be fed in winter in ample quantities. To induce them to eat heavily it is sometimes desirable to

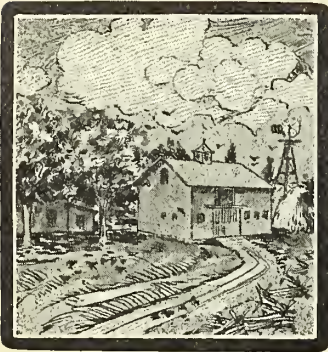
prepare in various ways. Cook chop and mix with meal or other food. Cut into short lengths and mix with mash and fed only as fast as the chickens will clean it up, is the most economical way. Some cut the second crop and place it in poultry yard for chickens to eat and scratch over at pleasure. This is all right, but rather wasteful. Of all green foods that can be raised on the farm for poultry, clover is not only the best, but probably the cheapest, and a field of it is as essential to success as a pasture field is necessary to the success of dairying.—*Exchange.*

Biggs—"How do you go to work to tell the age of a hen?"

Diggs—"By the teeth."

Biggs—"A hen hasn't got any teeth, you idiot!"

Diggs—"No; but I have."



FARM AND GARDEN



Profit in Onions.

Many of our East Tennessee farmers lack business snap, and as a result sustain heavy losses. As an illustration, a neighbor of mine once had a lot of onions to sell. They were selling in Knoxville at one dollar a bushel, but the owner put off selling for a few days and onions went down to fifty cents a bushel on account of flooding the market with the new crop. Now, onions might not reach one dollar again before the following fall. The result was that my neighbor went to selling out at half price.

The lesson we get from this is, that when we have a product to sell and the market price is good we should sell immediately. Early sales are generally the best, and wide-awake farmers are learning to act on this principle. They sell their wheat right from the thresher. I was also reading today that the farmers in Iowa have adopted the plan of baling their hay from the windrow in the meadow and carting it off to market at once. In this way they get a better price than is possible after the general crop comes in from more distant places. We seem to be approaching this condition here in East Tennessee.

Speaking of onions, I drove by a place the other day where a young farmer was working in his garden. He had recently harvested a crop of onions there and was then bringing on a crop of cabbage on the same ground.

"How many bushels did you grow on that little square of ground?" I asked.

"Twenty-five bushels," he replied.

"And how much ground do you call that?"

"About an eighth of an acre, isn't it?" said he.

"Perhaps so," said I; "and do you know that would be two hundred bushels to the acre?" (Say two hundred dollars' worth at the price onions were then bringing.) "Big money in that, isn't there?"

"Looks like it, I confess," said he. "Why don't we all raise fields full of them?" said I.

"That is something I can't tell," said he.

And then I drove on. Perhaps the reader can give the reason.

Mr. Arthur Bell, of Winstead, is one of our young farmers who is wide-

awake on onions. He has conceived the laudable design of making his onion crop pay his way through college. Some days ago I had a talk with him about onion culture, and found him so well posted that I induced him to give a few points for the general benefit. He was then harvesting his early crop and they lay scattered in the field taking a sun bath before going into the drying rooms. The sun, you know, is death to the germs of disease and decay, under proper conditions.

On being questioned with regard to the proper way to prepare ground for onions, Mr. Bell said:

"Give the ground a deep plowing in the summer or early fall. Then harrow and roll it until all clods are broken and the ground is thoroughly pulverized."

"What kind of soil," I asked.

"A strong, deep, rich and loamy soil," said he, "is most suitable for this crop. Muck beds drain to the depth of two feet give large yields. The average ground should be heavily dressed with well-rotted manure, thoroughly mixed with the soil. If commercial fertilizer is used, it should be worked in the row as with corn and other crops. Blood and bone is the best fertilizer for onions."

"About planting?" said I.

"There is no fixed time," said he, "but I get better results by planting in the month of November. Plant in rows two feet apart, with intervals of six or eight inches between the sets. When planted thus in the fall, the young onions are ready for use, or market, in the green state, by the 20th of March or they will ripen off at least by July. Fairly good results may be obtained by planting in the spring. The spring planting should be attended to just as soon as the ground is dry enough to work. I grow the potato onion and the experience I have given, of course, relates to that."

"In East Tennessee," continued he, "onions are mostly grown from sets. Yet they can be successfully, and more cheaply grown from the seed. The Yellow Potato onion is most extensively grown in our section. It seems better adapted to our soil and climate. From thirty-five to fifty bushels of the Yellow Potato onion sets are required to plant an acre of ground, the cost of which is usually from thirty-five to fifty dollars. The Yellow

Danvers are not so expensive, since their sets are smaller. The White Potato onion is best suited for the extreme South and is good for garden, market, and pickling."

"Onions," says Mr. Bell, "can be grown with greater profit from the seed. Yet East Tennessee seems slow to take hold of seed onions. Among seed onions, the Red Wethersfield seems to be best adapted to our soil. From three to four pounds of seed are required to plant an acre. Seed cost only about \$1.60 a pound. Hence the expense for planting an acre of seed onions is far less than an acre of set onions. The extra work they require is what bothers the grower."

"If seed onions are grown, the planting should be done as soon in the spring as the ground can be worked. Harrow it thoroughly and pulverize and level it as much as possible. Sow thinly in drills one-fourth inch deep and fourteen inches apart. Keep the ground open and free from weeds, but do not ridge up the growing bulb. In hoeing the onions the first time just skim the ground between the rows as soon as the onions can be seen the length of the row. Hoe again in a few days—this time close up to the plants, after which weeding must be continued. In doing this great care must be taken. While weeding, one must get astride the row and work on his knees. The earth around the plants must be well stirred in order to destroy all weeds that have started. The onions will require another hoeing in ten days or two weeks, and possibly another weeding as well. If up to this point the work has been thoroughly done, at the proper time, the crop may be left without further care until gathering time."

"Onions should be harvested," said Mr. Bell, "within two weeks after the tops fall over. When you pull them, it is well to lay three rows together. They should be left in the sun from one to three days. After that the tops may be removed and the onions placed in the barn by spreading them out thinly on the floor."

Mr. Bell thinks that, without special care the yield of onions in East Tennessee will average 260 bushels per acre. With good attention, he says 500 bushels may be made on one acre of ground. If sold green in the city market, the yield will reach as high as six to eight hun-

dred dollars to the acre. Proper investigation ought to satisfy any one that there is big money in onions. Mr. Bell is very moderate in his estimate of the yield, for some authorities place it at 800 to 1,000 bushels to the acre, and this often means the same number of dollars, or more—*Prof. T. C. Karns in Knoxville Sentinel.*

Money in Rhubarb.

My first purse filler in the spring comes from early strawberry or scarlet rhubarb. In the late fall or early winter after the ground is thoroughly frozen, I cover my rows of rhubarb with a mulch of coarse stable manure and allow it to remain until spring rains thaw or wash it down. As soon as the first huge buds appear, I hunt up every available empty barrel, keg or box, knock the top and bottom out and place it over the plant buds, taking them off occasionally to harden the fast growing stalks. In a few days we are rewarded by a fine hedge of tender scarlet succulent stalks, eagerly bought up by our restaurant, hotel and boarding house keepers. We expect to reinforce the rows this spring by planting a few roots of deep tinted scarlet strawberry plants at intervals in the rows to keep up the high grade of color and taste.—*Kendall Perry, Storm Lair, Ia.*

Back to the Soil.

The dream of the busy man in town, of the day when he may escape from the noise, confusion and dirt of the streets, to a cottage set amid green fields, with a background of woodland, is the universal craving inherited, possibly, from the first man placed in the Garden to dress the vines therein. The longing is strongest in those whose early years were spent in the country.

On days when the sun blisters the sidewalks and the heavens are as brass; when stocks have taken a wrong turn, or orders have fallen off; there come visions to them of long-past days when, in the early spring, they trod, barefooted, the freshly turned furrow, while the air was filled with odors from the orchard, and vocal with the song of wood-robin, cat-bird and sparrow, and when the chipmunk scampered along the zig-zag worm fence—the “squirrel’s highway” since time immemorial.

Or perhaps the office drudge’s meditations go back to the harvest time when the oxen drew the creaking cart, hay laden, up the barn bridge, while the lad on the load buried himself in the fragrant grass in sudden fear lest he be knocked off by the great door-frame. Perhaps his mind reverts to the juicy cherry pie, the cold milk and the keen appetite that accompanied the “ten o’clock piece” and made it more welcome than the feast of a Lucullus.

Or it may be that, as the noisy elevator in the sky-scraper clangs up and down, and the ceaseless grind of the cars floats up from the street, he goes back in memory to the frosty mornings in the later fall when, after a windy night, he stole from his bed before daybreak that he might be ahead of the squirrels at the old chestnut tree. These are some of the dreams which send city men, when they can afford it, back to the soil, and which make every man who is penned up in town long for a closer touch with Mother Earth.—*Exchange.*

Look Up.

The following, credited to “Unknown” is too good to be lost: We love the man with the rose on his tongue, the man who sees the boy’s dirty face but mentions his bright eyes, who notices your shabby coat but praises your studious

world wants men who know how; who are willing and who have been trained to do things. If you have not found your place yet, maybe you had better go where they ‘know how,’ and work there for a time just to learn; then see if the way is not open! The boy who takes a course in an agricultural college is vastly better fitted to win his way creditably and profitably than the one who learns only by the hard knocks of experience.”

California’s Fruit Wealth.

Whether classed as small fruits, or set in a class by themselves, the ambrosial grapes of the country call for 13,000 fruit cars, each carrying fifty tons, to take the luscious bunches from the vineyards to the market places.

Raisins, first produced in 1867, became of commercial value in 1873. This branch is carried on in California. It takes



Laying House No. 3 at Belle Mead Poultry Farm, Birmingham, Ala.

habits, the man who sees all faults but who is quick to praise, slow to blame. We like to meet a man whose smile will brighten up deadness, whose voice is full of music of the birds, whose hand-shake is an inspiration and his God bless you a benediction. He makes us forget our troubles as the raven’s dismal croak is forgotten when the wood thrush sings. God bless the man of cheer. There is plenty of trouble here but we need not increase it. There is a lot of dying done ahead of time.

Agricultural education is a great factor in developing successful, useful, up-to-date farmers. Fred H. Rankin, in a recent address before a western state board of agriculture, said on this subject:

“Young men, we are living in an age when all kinds of successful business is thought out before it is worked out. The

from three to four pounds of grapes for one pound of raisins, the production in recent years has ranged closed to 100,000,000 pounds of raisins annually. The price of grapes at the vineyards has changed greatly. In New York thirty years ago the price was five to six cents per pound. From 1896 to 1901 about six-tenths of a cent. Sales have been made at much lower prices. In California, good grape land costs about \$200 per acre; cultivation, \$40 to \$75 per acre; returns range from \$125 to \$500 per acre. Many California vineyards contain 500 acres each. The largest one covers from 1,000 to 2,500 acres each. That of the late Leland Stanford was over seven miles long and contain nearly 5,000 acres.—*Harper’s Weekly.*

Our history contains the name of no man worth remembering who led a life of ease.

OUR FOUR-FOOTED FRIENDS



About Horses.

Experienced horse breeders advise that young colts be fed a little ground oats and corn as soon as they will take to feed, and thus accustom them to such feed before weaning. In this way they will take on growth and keep in fine growing condition after weaning.

Horses need the service of a dentist very often, but the average owner does not know it. When a horse is "off his feed" it may be because he has the toothache, or his teeth have become sharp and jagged and hurt his mouth so badly he can not eat. If there is no trouble with his teeth, and he still does not eat, it

ers insist on the smith earning his money, and want to see him trim the hoof down real thin, "and do a nice, neat job of rasping down the front of the hoof." Pretty soon the smith enters into the spirit of the thing, and despite the fact that he knows he is doing wrong, cuts away every bit of horn, sole and frog that he possibly can without laming the animal. Keep the knife away from the bars and sole of the foot, any further than to remove bits of detached or ragged horn, and never allow a rasp to touch the front of the hoof.

The Arabian horse is admittedly one of the most perfect of equine types, and

bred horse of Kentucky is his superior for riding, the western bronco excels him for polo or military services, and for heavy draft he can not be compared to the Percheron, Clydesdale or Shire horse.—*Exchange*.

Mules are Profitable.

The average farmer is probably not aware of the fact that an average mule sells for \$10 a head more than horses. Such is the case, and the price has been gradually rising for a number of years. There has never been what would be called an over-production of mules, while the market has often been unable to fully supply the trade.

The ability of the mule to endure great heat has brought it into most general use in the Southern States, where large farms are devoted entirely to raising cotton; also the farmers of this country find the mule stands the work in the hot season in wheat fields much better than the horse. All men that have used mules know this to be a fact.

The mule matures more quickly than the horse, and can be placed on the market from one to two years sooner than the average horse. This means a larger profit to the producers and quicker returns for the investment. A well-fed mule can be worked at two years of age with safety, if proper judgment is exercised by the driver. They are much less nervous than a horse, thus not so liable to accident or blemish. A blemish that would make a fine horse unsalable would take but a trifle from a mule. The mule is less liable to wire cuts and blemishes for the reason that he is more careful about running into anything than a horse. You will see six or eight horses blemished and scarred from wire where you will see one mule scarred from it.

The mule is a taxpayer and a mortgage lifter for the farmer; he is ready sale at weaning time, at one year, two years, or ready money at any age. The horse colt does not sell well until it is three or four years old and broke to work and drive. — *Sarcoyle (Mo.) Leader*.



"At the Bars"—Experiment Station, University of Tennessee.

may be because he has been given one kind of feed so long and uninterruptedly that he has lost all desire for it; it has become obnoxious, in fact, and he can not eat it. In such cases a change of diet is what the horse needs and not medicine. But in every case where a horse shows a disinclination to eat, his teeth should be carefully examined.

A shoe should not remain on a young and growing horse more than four weeks, nor on any horse more than eight weeks. Most shoeing smiths have several bad faults, and the general farmer is to blame for these faults. Many farm-

many attempts have been made in the last twenty-five years to improve the speed and stamina of the thoroughbred race horses by fresh infusions of Arab blood, but the result always has demonstrated the undoubted superiority of the modern British and American racer that has been evolved by long, scientific breeding. The Arabian steed is the horse of art and romance, around which clusters the mystery of the Orient; but, so far, he always is excelled by other specially bred types, as the thoroughbred can outrun him, the trotting bred horse can outdistance him, the saddle

How a Horse Should Be Shod.

Comparatively few farmers, know how a horse should be shod, and few blacksmiths shoe a horse as it should be done. Every farmer, every driver of a horse should know when his animal is properly shod. By improper shoeing, too, many horses are put in condition for navicular diseases, founder, contracted hoofs, cracks and thrush.

The shoe that will do for Smith's or Jones' horse may ruin your own animal. Your horse's hoof demands a certain kind of shoe, just as your own foot requires a shoe of certain size and shape.

A heavy shoe, that keeps the frog from the ground, will wear out as soon as a light one that allows the frog to touch the surface. A heavy shoe is much more likely to come off and be lost. Light nails should be used. They will hold the shoe as long as it ought to remain, and will not injure the hoof as much as large and heavy nails. As the shoe protects that part of the hoof it covers, while the remainder is gradually wearing away, it is necessary to remove it occasionally, and by paring off the more rapidly growing part, bring the different portions into their relative positions.

Horses that are continually on the road, or at heavy work, need new shoes every month or six weeks; but animals that spend a great part of their time in the stable, need not be shod more than twice a season. Neither the frog nor the sole should be removed in shoeing,

and the wall of the hoof should be cut away only enough to take off the surplus growth. The rasp should never be used on the wall of the hoof or foot, either for making a groove, to sink the nail clinches, or to improve the looks of the foot.—*Successful Farming*.

Horse Technicalities.

These are horse technicalities that ought to be better known:

A white spot in the forehead is a "star." A white face from eye to eye is a "bald face." A strip between the nostrils is a "snipe." A white eye is a "glass eye." A horse has pasterns, not ankles. There is no such point as a hind knee or fore shoulder. White around the top of hoof is a "white coronet." White above the pastern is a "white leg."

"Amble" is a gait like pacing, but slower, in which the two legs on the same side are moved together. The "croup" is that part of the horse back of the saddle; the "forearm" is that part of the leg between the elbow and the knee; and the "elbow" is the joint of the foreleg next the knee. When a horse "forgets" it strikes the toe of the fore foot with the toe of the hind one; and this last is often the result of bad steering.

Every one should know that a "hand," a term commonly used in describing the height of a horse, is one-third of a foot, or four inches.—*Exchange*.

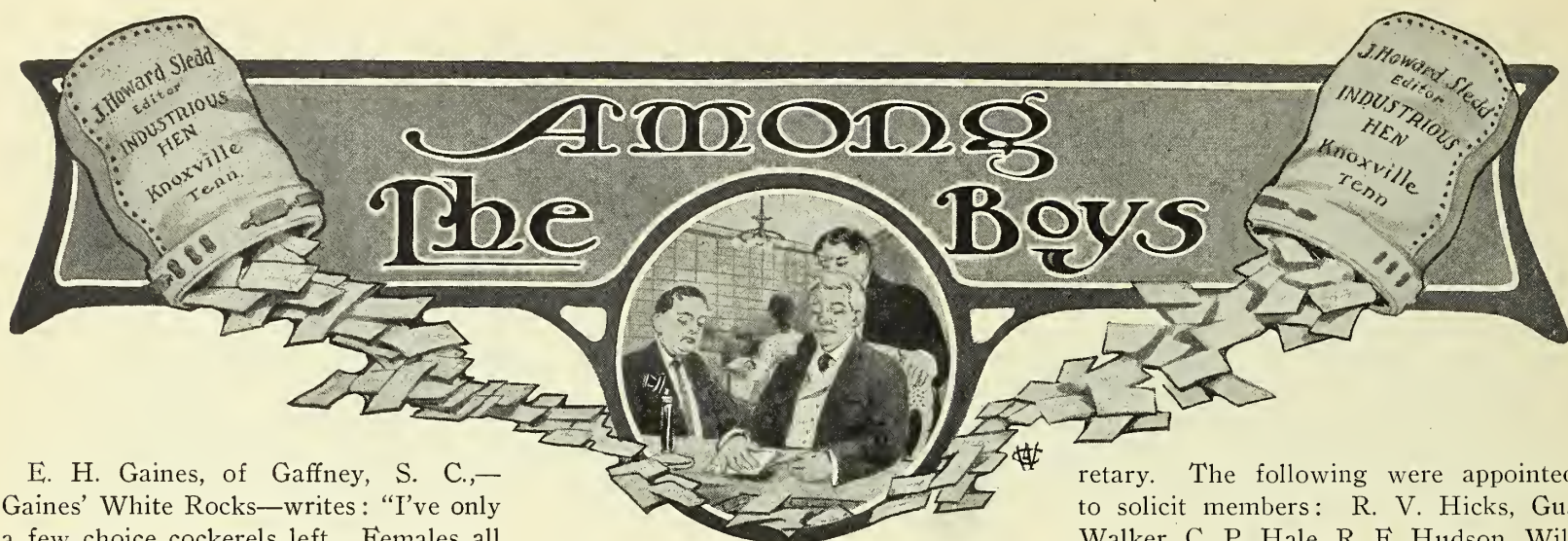
Are Sheep Profitable?

On my father's farm we kept a flock of twenty sheep for many years. They were very profitable in several ways. They kept the weeds down in old fields, ate the sprouts and trimmed the buck bushes in the pastures and also brought good financial returns. The expense of keeping sheep is very light, for they can live in fields where other stock would starve to death. In winter, good clover hay and a small feed of oats, or shelled corn twice a day will keep them in good condition, if they are sheltered from the storms. On an average, the fleece of wool will pay for the keeping of the sheep. The lambs will be a clear profit. Our flock generally averages a lamb apiece every year and these sold from three to five dollars per head, making the profit on the flock each year from sixty to a hundred dollars. The money always came in at a time when there was no other stock ready for the market, so was always acceptable. An old Scotchman with whom I was acquainted and who had grown wealthy raising sheep, said: "If a young man will buy ten sheep and keep their increase for ten years he can buy a good 160 acre farm." If this old Scotchman was right and no doubt he was, why do not more of our young men go into the sheep raising business?—*W. D. Neale, in the Epitomist*.

A man should never be ashamed to own that he has been in the wrong.



The Dairy Herd Coming Up at Milking Time—Experiment Station, University of Tennessee.



E. H. Gaines, of Gaffney, S. C.,—Gaines' White Rocks—writes: "I've only a few choice cockerels left. Females all gone. Have given up traveling, and will give all my time to my White Rocks."

* * *

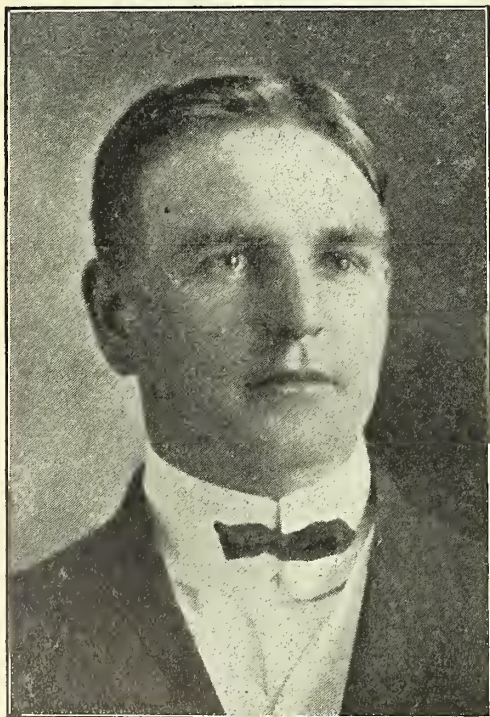
"I have taken most of the Northern poultry journals for a long time and think you have them all beaten as to style, news, cuts, quality of paper and promptness of issue."—B. S. Horne, Keswick, Va.

* * *

The best poultry paper published in the South is the *INDUSTRIOUS HEN*, of Knoxville, Tenn. J. Howard Sledd, its editor, is a fancier and writer whose reputation as a "chicken expert" stands at the head.—*Nashville American*.

* * *

I enjoy your paper very much and think it one of the nicest sheets that comes to my desk. It is so nicely gotten up and so artistically classified. I find it a great benefit to me in my poultry industry, and it has enabled me to dispose of my stock as much, or more, than any poultry journal in which my adv. has appeared. Wishing you much success.—Jno. W. Lasley, M. D.



JNO. F. CHILDRESS, Sweetwater, Tenn.
Breeder and Owner of the Hagerstown,
Md. S. C. White Leghorn Winners.

"I do not wish to miss a single issue of the *HEN*. I value it as one of the grandest papers for the poultry raisers that I have ever read. As a home paper and a valuable bundle of information it should certainly find its way into every home in Tennessee."—*A New Subscriber*.

* * *

I have noticed with much interest the move in your journal to organize a Southern Poultry Association, and right here let me say, I have been agitating this matter for years, as I fully realize we will never get our just deserts until we form an organization to protect our interest as the North and East have; we must do this as the future success of the South depends on it, for the rules and requirements that make the organization of the North a success don't cover the requirements of the South, and to form a Southern Association to control and govern all our smaller associations would be a grand move in the right direction, and I want to say right here to you and Mr. B. S. Davis and all those taking the lead in this matter you can count on me and the grand old state of Arkansas as more than willing to aid you and to do all that is possible to cooperate with you in the same. Yes, Brother Sledd, count me in the move you are making, and if I can serve you in any way please command me.—G. W. Brown, Camden, Ark.

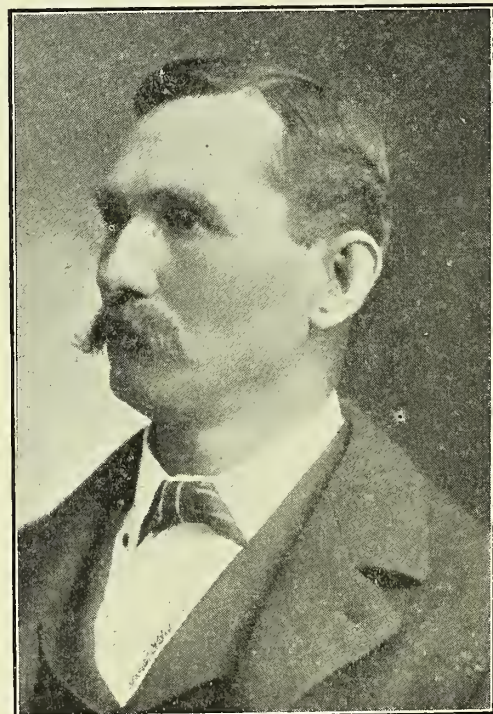
* * *

Dr. J. H. Sledd, the editor of *THE INDUSTRIOUS HEN*, Knoxville, Tenn., and well known poultry judge and expert, examined and scored the specimens and decided the prizes. While he was working a group of interested onlookers surrounded him all day to study the points and merits of the chickens being handled. R. F. Hudson acted as his secretary and the thanks of the breeders are due them for their faithful performance of a hard day's work. Tuesday an organization of the Monroe Country Poultry Breeders was made and the following temporary officers were selected; K. B. Walker, President; R. F. Hudson, Sec-

retary. The following were appointed to solicit members: R. V. Hicks, Gus Walker, C. P. Hale, R. F. Hudson, Will Thomas, Will Lamberts, and P. G. Kelso. A meeting will be held on the first Monday in December and arrangements completed for a show each year. All interested in poultry are urged to join the organization and attend the meeting.—*Madisonville Democrat*.

* * *

Knoxville, Tenn., the home of the *INDUSTRIOUS HEN*, the home of Judge J. Howard Sledd, who has done so much for the poultry industry in our State, and the home of some of the best poultry breeders in the United States, is up and doing for the big poultry show to be held in that city January 17-19, 1906. The East Tennessee Poultry Association is a strong organization. Its officers are fanciers of ability, who are numbered among Knoxville's leading citizens. It is their purpose to hold a show as good as the best, and it is safe to predict a very large attendance and a big success. Quite a number of Nashville breeders will go over with their birds, and it is understood that there will be a strong representation from Knoxville at the big Nashville show. This is just as it should be. We are all one big organization, working for one big result—the establishment of thoroughbred poultry on every farm in the State, and make Southern bred birds the best in the world.—*Nashville American*.



ALF. BERTLING,
Supt. Atlanta Poultry Show.



EGGS STOLEN FROM OTHER NESTS

Grading Up a Flock.

Everybody recognizes the necessity of breeding cattle, sheep or swine so as to constantly improve the stock kept on the farm, but it is to be feared that this is not the case with poultry, if we are to judge by the varied shapes and numerous colors to be seen in the average farm flock of poultry.

The fact that pure bred stock usually sells for what seems to the uninitiated a rather stiff price, retards improvement among those who have not yet given the poultry industry of this country enough thought to understand how important it has grown to be.

The very fact that the average hen of this country produces but five dozen eggs a year, when almost every well kept hen should produce twice that number, is argument sufficient to prove that something is lacking.

The writer personally knows of a flock of pure bred fowls which has been carefully bred and housed since last April, which will make an average of more than two hundred eggs to each hen in the flock during the year, and he knows of more than one flock of considerable size that averages, year after year, more than one hundred and fifty eggs per hen. This shows what benefit may be secured from pure bred stock.

It happens that poultry is the most pliable of all stock kept on the farm. Improvement may readily be made without incurring any great expense, and by any one who will follow out a very simple plan.

The farmer, who does not care for show quality, can buy of almost any breeder of pure bred fowls a male bird that is as good for all practical purposes as the finest prize winner, at a very moderate price. For instance, take a farmer who has a flock of nondescript fowls of as many colors as Joseph's coat. Such flocks are almost invariably light weights, the average weight of the females running about three pounds. Let the owner of such a flock buy a big Plymouth Rock cock, weighing ten pounds, and breed his hens to him. The result the first year will be the addition of a pound to the average weight of the young stock, as

compared with the original weight of the flock. If but one hundred chicks are raised, there will be a clear gain of one hundred pounds to the flock—at least \$10 at present prices; and I do not hesitate to say that this added weight will be a clear gain, for the half bloods will make their gain at no more cost for feed than mongrels would have cost. If the male introduced has cost this entire sum, there would still have been a gain, for the pullets of the flock will produce more eggs than the mongrel pullets would, and at a time when eggs are higher in price. Mongrel hens lay only in summer, when eggs are cheapest.

The half blood pullets will show Plymouth Rock form to a considerable ex-



"Bob White." 5 Mo. old. Score 95 $\frac{3}{4}$. Winner of 1st and head of 1st Pen at Alabama State Fair, Birmingham. Ala. Bred and owned by Wilber Bros., Petros, Tenn.

tent, and a Plymouth Rock color will begin to show, also, for the dominique or cuckoo color is easily fixed in fowls. Let these half-blood pullets be bred the next year to their sire, and there will be another addition in weight, still greater prolificness and a surprising showing of the proper color.

The next year breed the three-quarter-blood pullets to a pure bred male of non-related blood, and a further improvement will be manifest. The fourth year breed the pullets back to their sire, and the fifth year use non-related blood, and the resultant flock will so nearly resemble pure bred Plymouth Rocks that

an expert will not be able to tell whether a large percentage of them are pure bred or grade fowls.

If this method is followed, a flock that is practically pure, and that is as prolific and as heavy as pure bred stock may be bred up at a cost of not more than \$6 for breeding stock, for males good enough for such purposes may be easily obtained at \$2 each.—*Miller Purvis in Western Farmer and Dairyman.*

The Capabilities of the City Lot.

The raising of chickens on the city lot has long since been reduced almost to a science and the word "farm-raised" has lost its glamor.

It is not always the pullet that is raised on the farm that is the healthiest nor that takes the most exercise. The real fact of the matter is, that chickens can be made to do more scratching when they are yarded.

"Unlimited range" does not amount to a flip, unless one can have houses scattered all over the place, which one dare not do on account of thieves.

At "Chickaluma" what are the poultry plants, anyway? What could they be, when the neighbors can have a gathering and count up that they have 35,000 to the square mile in this "White Leghorn City?" Nothing more nor less than overgrown city lots.

Some people believe there is no money in chickens unless they can raise their own feed, but the California people say, "It does not pay us to raise our own food—our time is too valuable."—*Petaluma Poultry Journal.*

This is the time when the main profit from poultry is in the sale of eggs. The prices from now on should stimulate the owner to get his hens on a paying basis. Laying hens need exercise; but it is a poor plan to compel them to hunt around on a cold, frosty morning for their breakfast. They need a scratching shed where they can pick and hunt for their morning meal while the sun is melting the frost away. Then when they go outside they will not get their feet cold and wet. Cold feet check egg production.—*Fannie M. Wood.*

BRIEF MENTION.

A pleasant caller at the office of the editor was Wm. M. Richardson representing the *Southern Agriculturist*, of Nashville.

* * *

King Walker says: "We have sure got 'em, Gus and myself," and from the specimens they have shown they are getting top-notchers.

* * *

The Secretary of the Greenfield Poultry Association writes that their 2nd show will be "pulled off" without a hitch. Write S. T. Johnson for a catalogue.

* * *

G. W. Coleman, of Cleveland, Tenn., takes space with us this month. The editor has seen and handled his birds and knows them to be as Mr. Coleman represents them.

* * *

Wilber Bros., Petros, Tenn., say in a personal letter: "At the Alabama State Fair, held October 21 to 26, with only five birds entered we won 1st cockerel, 2nd pullet and 1st pen in a very heavy class."

* * *

"That warm blanket—just like the hen—and fresh, pure air is what does it. The 'Mandy' Lee is easily the best yet," says H. B. Hall, of Racine, Wis. It's the contact heat brooder. Catalog free. Geo. H. Lee Co., Omaha, Neb.

* * *

At the Virginia State Fair held in Roanoke, Va., S. S. Stansbury, Richmond, Va., won 1st cock; 1st hen; 1st and 2nd cockerel; 1st and 2nd pullet; and 1st pen in an exceptionally large class of S. C. White Leghorns.

* * *

The annual catalog of the American Plymouth Rock Club is a handsome specimen of the printer's art and contains much valuable information for those interested in that breed. Write H. P. Schwab, Sect., Rochester, N. Y., enclosing stamp and get a copy.

* * *

Immediately after the Nashville show a complete directory of the Association, and an official catalog with list of entries and awards will be issued by the Tennessee State Poultry Breeders Association. It will be extensively circulated over the entire South. See ad elsewhere.

* * *

Our good friend L. Bremer, of Columbia, S. C., writes us that in a class of 106 birds those of his breeding won 3 firsts, 2 seconds, and 1 third at the South Carolina State Fair. These birds were exhibited by him and his customers. This is a good record and the editor expects to see some of these same birds.

NEVIN POULTRY YARDS,

WARDIN BROS., Proprietors.

R. F. D. 7. BOX 46. - - - CHARLOTTE, N. C.

Breeders of S. C. Brown and White Leghorns, Houdans, W. Wyandottes, Barred Rocks, Sherwoods, S. C. Black Minorcas, Cornish Indian Games and Pekin Ducks. Eggs for hatching, 15 to setting, \$1.50. Duck eggs, per setting of 13, \$1.25.

Being breeders for the past nine years we are here to stay and have always taken our share of prizes wherever stock has been shown.

We manufacture Incubators, Brooders, Exhibition Coops and Wardin's Flight Arrester. Jersey Red Pigs our specialty. Write for information. Glad to answer questions.

White Hill Poultry Farm

WHITE WYANDOTTES and S. C. WHITE LEGHORNS

White that stays white. Ideal in shape

Single Comb Buff Orpingtons

Buff, blocky beauties. We can fit you out for the shows or start you right with breeders. Birds right and prices right.

LAWSON & VARNELL, Route 4

A. J. LAWSON, Mgr.

Cleveland, Tenn.

Thomm's
PARTRIDGE WYANDOTTES
Standard Bred

Have Ten Cockerels Left

Extraordinary Quality, Bred from Prize Winning Pen, at the
Exceedingly Low Price of \$3.00, \$5.00 and \$10.00 each.

H. C. THOMM

2362 Fulton Street

TOLEDO, OHIO

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H. C. AUSTIN, Johnson City, E. Tenn.

1905

... BREEDER OF ...

B. Langshans, L. Brahmas, B. B. R. Game Bantams and Belgian Hares

I make a specialty of the Black Langshans, as I find them to be the best fowl on earth as per my 50 years experience with chickens and 11 years with thoroughbreds of twelve to fifteen different varieties. If you want something fine give me a trial; no scrubs to sell at any price.

I will give a year's subscription to "THE HEN" with every \$3.00 cash order.



Agents wanted.

THE ONLY NEW THING IN INCUBATION

A limited edition of a new book on scientific incubation is now ready for distribution. A copy will be sent you on request, accompanied by your business card. This book explains the theory and construction of the only incubator ever made capable of producing a continuous hatch. Mention THE INDUSTRIOUS HEN.

HACKER INCUBATOR AND MFG. CO.,

3104-12 N. Jefferson Ave.

St. Louis, Mo.

PRACTICAL POULTRY FARM **STOCK FOR SALE**

From my farm-raised Barred Plymouth Rocks and S. C. W. Leghorns, bred for eggs, size, and standard points, at honest prices.

J. A. DINWIDDIE, New Market, Tenn.

S. C. White Leghorns for Sale

300 PULLETS AND 100 COCKERELS

All bred from birds that won the blue ribbon in the largest shows in the North as well as the South. If you want some birds for the fall shows, I have them at prices that will please you. Satisfaction guaranteed.

STANSBURY'S POULTRY YARDS, Richmond, Va.

For Sale

Single Comb Brown Leghorns

Birmingham, Ala., Show, Dec. 6-9, 1904, 1st and 2d cock, 1st and 2d hen, 1st, 3d and 4th Cockerel and 2d pen; Chattanooga, Tenn., Dec. 13-16, 1904, 1st and 2d cock, 1st and 3d hen, 1st cockerel, 1st pullet, tie on 1st pen; Anniston, Ala., Show, Dec. 13-16, 1904, 1st and 2d cockerel, 1st and 3d pullet, 1st pen. Circular free.

M. S. COPELAND, Powells Station, Tenn



24 Prizes at 3 big shows in one season. Also every special offered, score 90 to 95.

J. D. HEREFORD

NEW MARKET, ALA.,

BREEDER OF

S. C. Brown Leghorns

Exclusively. Eggs \$1.50 per 15; two sittings \$2.50. Fowls for sale at all times. Prices named on application. Correspondence cheerfully answered.

FOREST VIEW POULTRY YARD

Only the best strain is bred. S. C. Brown and White Leghorns, Barred Plymouth Rocks, C. I. Games and White Face Spanish, Light Brahmas, Bronze Turkeys and Poland Geese. Eggs for sale.

J. E. THOMAS, R. F. D. 6, Charlotte, N. C.

The Tennessee State Poultry Breeders' Association headquarters at 310½ Union street, is a busy place these days. Secretary John A. Murkin, Jr., has his hands full answering inquiries, mailing premium lists and waiting on the numerous poultry men who are visiting the city.

* * *

One of the most attractive and useful catalogs that we have received is that of Darling & Co., Union Stock Yards, Chicago, Ill. These gentlemen handle poultry supplies of all kinds but make a specialty of their own products in Beef Scraps, Granulated Bone, etc. Write them, mentioning the HEN, and they will send you this catalog.

* * *

Our friends will find much of interest in the Prairie State Incubators new *Junior* catalogue and should write for it. For very little money you can secure a practical up-to-date machine that will do what its makers claim. Write them. The Prairie State Incubator Co., Homer City, Pa., saying you take THE HEN and you will get the catalogue.

* * *

Mr. Geo. W. Brown, of Camden, Arkansas, is one of the veteran breeders of pure bred fowls in the South. Mr. Brown is not an old man, barely in the prime of life, yet he practically made with his fowls the first poultry show in his state. He is a judge of repute. He backs all he says about his stock by delivering the goods. He will be pleased to send you circular.

* * *

Our good friend Pryor Walker, of Cleveland, Tenn., sent a string of his Buff Leghorns to the great fair at Atlanta, Ga., and was made happy by receiving all the prizes that he could well get with the number of birds entered. He won 1st cock and hen, 1st and 2nd cockerel and pullet and 1st and 2nd pen. It is pretty well given up that Walker knows how to breed the birds and he will be out after the boys at many of this season's shows.

* * *

The Greenfield, Tenn., Poultry Association will hold their second annual Poultry show February 7, 8, and 9, 1906. This Association was organized the first of March, 1905, and held their first show the 17th and 18th of the same month. The officers of the Association are W. E. Kirksey, President; Ralph McUmbee, Vice-President; W. T. Holt, Treasurer; S. T. Johnson, Secretary. They are looking forward to a fine show this season and invite breeders all over the country to come and bring their birds and have a good time. The secretary will take pleasure in mailing you catalog. Write him at Greenfield, Tenn.

At the Fair held at New Decatur, Ala., Mrs. Florence Forbes won all the prizes on Brown and White Leghorns, White Wyandottes and Barred Plymouth Rocks. At the State Fair at Birmingham in hot competition besides the special for best display in Mediterranean class, she won 2nd and 3rd cock and cockerel; 1st, 2nd and 3rd hen; 3rd pullet; 1st and 2nd pen in Brown Leghorns and in White Leghorns she won 1st and 2nd cock and 3rd cockerel; 2nd and 3rd hen and 2nd pen. In White Wyandottes she won 1st cock, 2nd cockerel, 2nd pullet and 2nd pen. A fine list of winnings for so early in the season.

* * *

The November issue of the *Gulf States Poultry Journal*, published at Mobile, Ala., announces the discontinuance of that periodical. The management have made arrangements whereby their subscription and advertising contracts will be carried out by the *Farm and Floral World*. Mr. Ed. R. Hayssen, the former manager of the *Poultry Journal* will conduct a poultry department in the *Farm and Floral World*. Pure bred poultry and more of it will be the watchwords, and the results we feel sure will be the best. We regret to lose the "*Gulf States*" from our list but congratulate the *Farm and Floral World* and trust Brother Hayssen will see that the HEN gets on the list.

* * *

A few years ago the plan of selling goods direct to the user at wholesale prices, freight charges prepaid, was not thought of. One of the first large concerns to adopt this plan that we can now think of was the Coiled Spring Fence Company, of Winchester, Ind. Ten years ago they started with a small capital, small factory and small business. Now they employ 52 people in their office, 150 people in the fence factory and 200 people in their wire mill. They sell fence on 30 days trial, freight charges prepaid. It can be returned if not satisfactory. They say they can save any one money on fence. It would be well for all fence users to write for their free Catalogue, which fully describes their line and manner of doing business.

* * *

Your letter and the Barred Rock hen just received. She is a "dandy" and to say I am well pleased don't begin to express it. Brown, I trust you will take no exceptions, yet I have examined the hen very closely and I honestly believe she will score under any other judge, at least a point better than you gave her. I remember you wrote me you preferred not to score the hen just at this time, for she had just finished the moult and would a few weeks later go easy a point better, yet if I insisted on a score card, you

THEY HAVE CONTRACTED THE HABIT

WHAT? Why of Egg Laying. It could not be helped after being bred to lay nine years by the record system, using trap nests.

BAYNE'S EGG RECORD—WHITE WYANDOTTES.

Blocky, blue-blooded, bred for eggs, farm raised, healthy, hardy hustlers, money makers. The first and longest bred in the South for eggs. Eggs, 15 for \$1.50, 40 for \$3.00, or 100 for \$7.50.

SPECIAL MATING: Hens score 90 to 96. Eggs record 180 to 201. Cock from 201—Egg dam score as ckl. 93. EGGS, 15 for \$2.50, or 30 for \$5.00.

A FEW HENS AND PULLETS FOR SALE

T. L. BAYNE, Cedarcroft, Russellville, Tenn.

Bruner's White Plymouth Rocks

BRED FOR FANCY AND UTILITY.

Large size, fine shape and great layers. Young stock showing up better than ever. Grand Exhibition Birds and lots of Utility Stock for sale this fall. Also 50 Bronze Turkeys for sale cheap. Get your orders in early.

Write for Prices and Full Particulars.

A. F. BRUNER & SON, R. R. No. 5, Evansville, Ind.
FORMERLY PATOKA, INDIANA.

G. L. WALKER

K. B. WALKER

Walkers' Barred Rocks and White Wyandottes

ARE BRED TO WIN AND DO IT

We have a few nice Cockerels for sale of each at prices to suit. We also have a few R. C. White Leghorns we wish to close out at prices that will interest you. Write us your wants. Satisfaction guaranteed.

WALKER BROS., R. F. D. No. 1, Madisonville, Tenn.

WILBER'S
GEM STRAIN
WORLD'S BEST

SINGLE COMB WHITE LEGHORNS

Bred-to-Lay and Win, and do it

Having won the past ten years more firsts, seconds, thirds, specials and cups than all Southern Strains. Grand flock high quality youngsters mated to suit. Cockerels that will improve your flock. Many that will

win in The Big Shows. 100 nice yearling breeders left at right prices. Write your wants. Handsome Catalogue free.

WILBER BROS., Box G, Petros, Tenn., U. S. A.

State Vice-President National Single Comb White Leghorn Club.

Mammoth Bronze Turkeys

B. P. ROCK CHICKENS AND POLAND-CHINA HOGS

My Turkeys are as fine as can be found in the United States, winning wherever shown. The present flock of young ones was sired by "Jumbo Jim," the 47-lb. tom that won second prize at the World's Fair, 1904, at eighteen months of age. He also won first at the North Alabama Poultry Show in January, 1905. These young ones promise to be the equal of sire both in size and plumage.

Poland-China Pigs of best prize-winners' blood. Full brothers and sisters won third, fifth, seventh and tenth prizes at the World's Fair, 1904.

B. P. Rock Chickens of Ringlet and Bradley Bros. strains. Beautiful in plumage, large bone and fine layers. Let your wants be known early and get the best for the Winter Shows. For further information, address

MRS. J. C. SHOFNER, R. F. D. No. 1, Mulberry, Tenn.

THE GAINES WHITE PLYMOUTH ROCKS BRED TO WIN—AND DO IT

You would probably buy the Gaines White Rocks if you could take them in your hand and see their immaculate white plumage, their unusual beauty, style and vigor.

ONLY 50 BEAUTIFUL COCKERELS LEFT FOR SALE.

10 of them sons of Bob and Alice White. No more Females for sale this year. Send for FREE Circular, which gives a list of my winnings.

If birds I ship do not please you, return them AT ONCE. YOUR MONEY BACK and I stand express charges BOTH WAYS.

E. H. Gaines, Prop'r, GAINES' POULTRY YARDS, Gaffney, S. C.



—IF IT IS— BUFF LEGHORNS

Here you are. Famous "Arnold" strain; breeding pen headed as follows: "ALBERTO," the famous cock; 9 blue ribbons to his credit. Hens and pullets all prize winners. Eggs and stock for sale. Correspondence solicited. Information cheerfully given.

**MABLE P. POULTRY YARDS,
BURLINGTON, N. C.**

Hyde Park Kennels AND Poultry Yards

Breeders of Line Bred BARRED PLYMOUTH ROCKS exclusively. High class stock for sale at all times. EGGS: \$3 for 15; \$5 for 30. Also SCOTCH COLLIE DOGS. Registered stock only.

ALF. BERTLING, Atlanta, Ga.

Or College Park, Ga., R. F. D.

SANDY RUN POULTRY YARDS

W. D. HARRILL & CO., Props. - - - Ellenboro, N. C.

Breeders of Light Brahmas, Black Langshans, Black Minorcas, Buff and Barred Plymouth Rocks, R. I. Reds, Part-ridge and Buff Wyandottes, Brown and White Leghorns, Belgian Hares.

We have won this season at Atlanta, Charleston, Raleigh and Charlotte, on our birds 43 1st prizes, 32 2d, 27 3d, besides scores of specials. Prices of eggs \$2.50 per 15. We have a few good cockerels for sale, including the 1st and 4th prize winning Part-ridge Wyandotte ckl. at Raleigh, also 1st, 2d and 3d at Charlotte, price \$5 to \$10 each.

HIGH SCORING, PRIZE WINNING Buff Leghorns and Buff Orpingtons

The two most popular breeds for eggs and the table. My Buff Leghorns have been exhibited the past season at Cleveland, Birmingham, Chattanooga, Huntsville, and Atlanta, and have won eleven first, ten second, five third, and three fourth prizes. Stock and eggs for sale at reasonable prices. Any person that buys birds from me has the right to examine them at their express office, and if they are not just as I represent them to be, return them to me at once and I will pay express charges both ways and return to the party every cent paid me and they shall not be out one cent. Who will do you better? Who will do you as well? Send me your orders for stock or eggs.

P. H. WALKER, Cleveland, Tenn.

would have to score her just as she was at this time. I have the utmost faith in your ability as a judge, still I honestly believe you have been too severe in scoring this bird. As you well know I have been in the business some time, buying from the leading breeders of the country, yet I must say, you are the first breeder I have ever found who would give more than he promised, or who would score their own birds as close as you. In your last letter you stated the hen was worth more than the \$15 I sent you, yet you would ship her to me, and let me be the judge in the matter. Yes, the hen is worth more money but as to how much more, I beg to be excused, you state how much more and I will cheerfully come across. Again thanking you for the bird and hoping to hear from you at once in regard to the other stock.—
J. C. Skaggs.

The above letter tells how well Mr. Skaggs was pleased in his shipment of stock.

* * *

Preventive is Better Than Cure.

The best preventive of foot-rot, lice and other live stock troubles is a proper disinfectant and antiseptic, and if such a preparation can be obtained, that is non-poisonous, so it can be used with perfect safety by anybody, it will pay a swine dealer better than any other investment he can make to put in a supply of that preparation, and have it ready at hand, and ready to use the minute his swine or other live stock require treatment.

Among all the disinfectants of primary origin, Carbolic Acid is the most powerful, but its poisonous and corrosive properties are so great, that it can not be used in a general way, and must always be used with the utmost caution and care. Even then, there is considerable danger.

In the columns of this paper will be found an advertisement of Chloro-Naptholeum Dip, a preparation which has been on the market for the past fifteen years, and which, according to chemical test, is equally effective as Carbolic Acid.

Chloro-Naptholeum Dip contains the very properties which make Carbolic Acid such a good disinfectant, yet in the manufacture of same, all the dangerous poisons and corrosive qualities of Carbolic Acid have been eliminated, so that speaking, we have in Chloro-Naptholeum Dip what might be called a concentrated disinfectant and antiseptic, possessing no properties other than disinfecting and antiseptic properties.

The fact that Chloro-Naptholeum Dip is now used by the most prominent sheep men throughout the country, veterinarians, and poultry breeders, more largely than any other preparation, is certainly a clear indication that it is all-

powerful, and can be absolutely depended upon.

If Chloro-Naphtholeum Dip is the most successful, the best, and most reliable preparation that breeders such as those named below can use, every one of the readers of this paper can get as much good out of it as these men, and knowing how very carefully the manufacturers of Chloro-Naphtholeum Dip do manufacture their Dip, we want to recommend that each one of our readers look into the matter for himself, and as the offer made by the West Disinfecting Company, Atlanta, Ga., is one where they offer to refund the money if it is not satisfactory, we don't think we can do a better service than to recommend our readers to send for a trial gallon, and test it.

* * *

The impressions made upon the writer by his visit to the Monroe County Poultry Show, held at Madisonville, Tenn., will be found in our editorial correspondence.

Below we give a list of those who had chickens on exhibition and the prizes awarded:

Barred Plymouth Rock—Walker Bros. 2nd ckl., pul., pen. C. P. Hale, 1st ckl., pul., pen, and best display in American class. W. E. Dixon, S. M. Bayless, P. F. Kefauver, Mrs. J. B. Kimbro, and P. G. Kelso.

Buff P. Rock—Peace & Greenwood. 1st ckl., pul., and pen. P. G. Kelso, 2nd pul.

Rhode Island Reds—B. L. Harrell, J. H. Dixon, R. V. Hicks, 1st ckl., pul., and pen, and 2nd ckl. and pul.

White Wyandottes—Will Thomas, 1st pul., 2nd ckl. Walker Bros., 1st ckl., and pen, 2nd pul.

Black Minorcas—Wm. Lamberts, 1st pul. and pen, 2nd pul. Harry Heiskell, 1st ckl., 2nd pul. and pen.

Buff Orpingtons—Joe Hardin, all prizes.

S. C. Brown Leghorns—Harry Heiskell, all prizes.

R. C. Brown Leghorns—C. W. Hicks, all prizes.

S. C. White Leghorns—Will Thomas, all prizes.

R. C. White Leghorns—B. L. Harrell, Walker Bros., all prizes.

Pit Games—W. N. Joins, all prizes. J. M. Kile, Smith Pittman, Ben Bayless, C. F. Henly, B. L. Harrell, H. W. Henderson.

Bantams—John Wallace Coe, least cock, W. E. Dixon, least hen. Joe Jim Richards, Reed Hunt, G. Airheart, Robt. Kefauver, Floyd Johnston, Bob Minnis, Sallie Kelso, B. L. Harrell.

Ducks—R. V. Hicks, best Pekin drake; Hicks Bros., best Pekin duck; J. W. Coe. Largest Turkey Gobbler—Mrs. G. A. Walker. W. E. Dixon.

Best Pair Bronze Turkeys—R. V. Hicks.

Best Pair Geese, Toulouse—R. V. Hicks.

Best Pair Pigeons—B. L. Harrell.

Best Dozen Brown Eggs—W. E. Dixon.

Best Dozen White Eggs—Wm. Lamberts.

Best Display Poultry Foods—P. F. Kefauver.

Wall's Barred Rocks

Have won the lion's share of blue ribbons past seven years at Southern shows. Huntsville, Ala., Dec. 26-30, 1904, hot competition, 1st, 2nd and 3d cocks; 1st, 2nd and 3d hen; 2nd pen. Scoring to 95 under Brown; 93¾ under Marshall. If you want winners, send to him for eggs. Will sell only a few settings.

Fox Terrier Pups for Sale.

W. L. WALL, Huntsville, Ala.

EGGS-For Hatching

FROM BLUE RIBBON WINNERS

WHITE WYANDOTTES

SPRING DELIVERY, 15 for \$2.00.

Winners at Birmingham, Dec. 6-9, 1st pen, 1st and 3d pullets, 3d cockerel; at Aniston, Dec. 13-16, 1st pen, 1st ckl., 2nd and 3d pullet.

JOHN M. KENDALL, Eufaula, Ala.

White Plymouth Rocks

(EXCLUSIVELY)

SEE OUR RECORD.

CHATTANOOGA—1st ckl., 1st and 2d hen, 2d pen.

HUNTSVILLE—1st and 3d hen, 1st ck., 1st and 2d ckl. 1st pullet.

Send order for Eggs from prize winners.

GEO. DARWIN, Green Grove, Ala.

White Wyandottes

Chalk White. Large and Blocky.

Eggs \$2.00 for 15; \$3.50 for 30.

C. A. BRYARLY,

Sherman Heights, Tenn.



Here's Your Chance! A Great 1/2-Price Offer

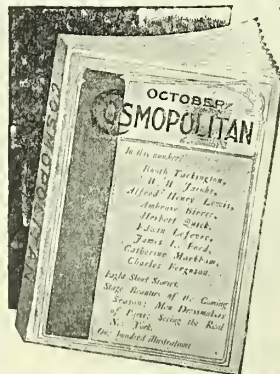
The Cosmopolitan will be made "the best, no matter what the cost." Its owners intend it to be the most widely circulated Magazine in the country. Its literary merit is unquestioned. For a short time we make you the following Extraordinary Offer:

THE INDUSTRIOUS HEN for one year, \$.50

The Cosmopolitan, one year, - - 1.00

BOTH FOR \$1.00

Send your order at once to THE INDUSTRIOUS HEN COMPANY, 617 Gay Street, KNOXVILLE, TENNESSEE.



THE FALL SHOWS ARE WORTH WINNING

The Quality to Win!

Is here in a limited number of early hatched chicks and some grand old birds. Remember our

Buff Plymouth Rocks

have never been defeated, and for four years in succession they have won more first and special prizes wherever shown than all competitors combined. The winnings of these yards at Washington, D. C., Hagerstown, Md., Richmond, Va., Atlanta, Ga., and other large shows on our own stock, gives it a leading prestige and it merits it. If you want the best at honest prices, address

GOLDEN PLUME POULTRY FARM,
Lock Box 168. Burlington, Alamance Co., N. C.

Our Motto—Entire satisfaction or your money back.

S.C. Buff Orpingtons

The World's Best.

Two pens headed by prize winners. Eggs in season \$3 for 15; \$5 for 30.

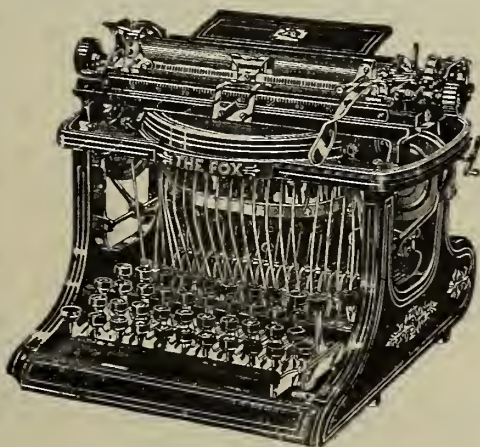
I have some fine young Cockerels for sale. Highest scoring Buff Orpington at Birmingham show.

C. W. HALL, - Brookwood, Ala.

Dolan Bros.

5323 Wade Ave., Avondale Route, Birmingham, Ala.

Breeder of High-Class Light Brahmas. Eggs \$3 and \$5 per 15. We have won more prizes on Light Brahmas than any breeder in Alabama. Won at Birmingham Dec. 6-10, 1904, 1st, 2d, 3d, 4th Hens, 1st Cock, 1st Pullet. Tied for 2d Cockerel, won 1st Pen. Special for best display Light Brahmas and best display in Asiatic class.



THE LIGHT RUNNING FOX TYPEWRITER

Represents the Highest Development
in Writing Machine Construction...

The Simplest, the Best

CONSEQUENTLY THE CHEAPEST

Catalog and Information on Request. Agents Wanted.

S. B. NEWMAN & CO., Knoxville, Tenn.

I always hail with delight the coming of the "Old Hen" each month and congratulate you upon your success in getting up such a neat and practical journal as you have.

The coming season is evidently going to be the record breaking year in the sale of incubators and brooders that Mr. Cyphers has had during his ten years experience in the incubator business. He will soon have 250 skilled mechanics at work in his factory.

The best criterion of the worth of the Model Incubator is to be found in the results obtained by the large commercial breeders,—the men who are in the business for every possible profit and who realize that in order to make such profits it is essential that they hatch every hatchable egg. Such men, for instance, as Mr. Wm. Truslow, Stroudsburg, Pa., whose ducks command a higher price than is ever paid for any others in the New York market; Mr. P. McEvoy, Oil City, Pa., who is without exception one of the most successful breeders in the world; and Mr. Jos. Wilson, Stockton, N. J., who annually hatches more chicks than any five of the largest plants in the country, and Messrs. Farrar Bros., Assinippi, Mass., and other large plants. These men use the Model exclusively. They can afford to use no other.

Should you ever visit this part of the world we would be glad to have you call and see us.

With best wishes for your continued success, I am—*Walter P. Laird, with Chas. A. Cyphers, 39-47 Henry St., Buffalo, N. Y.*



1st Prize Barred Rock Cockerel, Anniston, Ala., 1904. Owned by Belle Mead Poultry Farm, Birmingham, Ala.

Chicken Fever Reminiscences.

BY TRIPPLE X.

I am telling of an acute disease. One who has it knows it, and if bad, others find it out. Besides it is of the catching order. Immunity is not sure at all. It usually runs its course without very serious result, but leaves clear cut and permanent memories.

It was curious—how suddenly an attack would come on! A peep over a neighbor's fence—especially as he might have stood feeding a flock of thrifty fowls—would sometimes do it effectually!

My knowledge of gallinaceous stock was of the various order. The gift of a white bantam to a little youngster, which laid a wonderful egg the same day, was probably the genesis of it all, though a life of city conditions hindered cultivation of the passion. The more practical experience of chicken-pie and kindred things, bridged the space between childhood and graver years with assurances that "where ignorance is bliss 'tis folly to be wise!"

There was a genial, wide-awake publisher of Agricultural books in New York City, one C. M. Saxton, who met the want and furnished material for a growing desire to know many things about rural life. They were ante-bellum days. People were just learning they could live outside big cities and continue business successfully. "Saxton's Rural Hand Books" told of stock raising, fruit culture, of this, that and tother, but all said of poultry raising, its joy and the profits was simply irresistible. The bite of our newly recognized friend "Stegomia" would be no more fatal.

Men were armed. New terrors were made familiar. The far East was laid under contributions, and Shanghais, Chittagong, Brahmas, Javas, were rated high on chicken 'change, while faithful old biddies—Dominicks, and many another simply went to pot.

All this enthusiasm demanded an opportunity for expression—the people must see! The Hollanders were hardly more elated with their Tulip craze, or the "Morris Multicaulis" men of old, with the growing of food for countless silk worms yet unborn!

Phineas T. Barnum, bless his memory as a pleasing and successful developer of the art of humbuggery, saw his chance. His old museum, Broadway and Ann street, was thrown open. The public crowded the halls, where such a welcome of cackling, crowing, challenging and replying was heard from almost innumerable cages, as no grammophone could have repeated.

Many visitors surrendered at sight of Dame Fortune waving her gracious hands full of prizes. A student of the

CLOSING OUT SALE!

Owing to change of occupation, I can not care for so many varieties of fowls, so I am offering my entire flock of

BUFF PLYMOUTH ROCKS (Nugget Strain)

And entire flock of

SILVER PENCILED WYANDOTTES (Sterling Strain)

Among them some extra fine show birds, for the next thirty days, at greatly reduced prices. Also, a lot of

WHITE WYANDOTTES

to reduce my flock of that variety to the minimum. Write at once for bargains to

J. M. WORKMAN, Burlington, N. C.

∴ Fancy Pigeons ∴

THAT'S ALL J. P. Pemberton, Chattanooga, Tenn.

EGGS From Maund's Prize Winning
S. C. White Leghorns

AT JUST HALF PRICE

for balance of season

Exhibition Mating \$1.50 per 15

Utility Mating75 per 15

A. T. MAUND, - - - - - Geneva, Georgia.

(State Vice-Prest. Nat'l S. C. W. Leghorn Club)

The "Ifs and Wants"

If it is in the cold winter months eggs you want.

If it is the blue ribbons you want.

If it is the all purpose fowl you want.

If it is the most beautiful fowl on earth you want.

Then it is

PAYNE'S PARTRIDGE WYANDOTTES

You want.

PARTRIDGE WYANDOTTE PARK,

Lock Box 74.

Burlington, N. C.

? Do You Need Any Printing ?

If so, write for samples and prices to

THE INDUSTRIOUS HEN, Knoxville, Tenn.

Hale's Barred Rocks

I am now offering 50 yearling hens at a ridiculously low price, considering quality. My 1904 prize-winners included. Several hundred fine youngsters, second to none. If you want something good, write me. The best is the cheapest, and the best is not too good for my customers. First prize winners wherever shown. My fowls have free range.

SATISFACTION GUARANTEED.

WRITE TO-DAY.

C. P. HALE, R. F. D. No. 1, Sweetwater, Tenn.

Poultry Supplies

MARSHALL'S { Lice Powder
Egg Maker

Chick Food, Scratching Food, Leg Bands, Marking Punches, Southern Agent Conkey's Roup Cure, Mann Bone Cutters. All 50c. Poultry Papers 35c. The best of everything and at lowest prices. Liberal discount to Agents on Lice Powder. Southern Agent Model Incubators and Brooders.

F. J. MARSHALL, Atlanta, Ga.

Don't Trifle With Lice



When the henneries are infested with lice and the poultry bothered with the pests, don't trifle with them. Use CHLORO-NAPHTHOLEUM DIP and kill every last one of them. Then after you have killed the lice, continue to use CHLORO-NAPHTHOLEUM DIP for treating Roup, Leukaemia, Scaly Legs, Chicken Cholera, Chicken Pox, and as a disinfectant.

That's what the prominent fanciers and experts do. You can do the same, and are bound to get the same successful results.

CHLORO-NAPHTHOLEUM DIP is non-poisonous, absolutely safe to use; more economical than even home remedies, and vastly more successful. There are no failures when CHLORO-NAPHTHOLEUM DIP is used.

1 Gallon.....\$1.50	2 Gallons.....\$ 3.00
5 Gallons..... 6.75	10 Gallons..... 12.50

WEST DISINFECTING CO. (Inc.)

38 W. Mitchell St., ATLANTA, GA.

Blue Back Speller was one to recognize the spell. Since then the story emphasized by his experiences as a devotee of the new order—for a time—has recalled from it the old story of the Maid, worth telling to the young. She walked with a pail of milk carefully balanced on her head and thus did she soliloquize: "The money for which I will sell this milk will enable me to increase my stock of eggs to 300. These eggs—allowing for what may prove addle and what may be destroyed by vermin—will produce at least 250 chickens. The chickens will be fit to carry to market about Christmas when poultry always brings a good price, so that by May day I can not fail having money enough to buy a new gown. Green! Let me consider—yes, green becomes my complexion best, and green it shall be! In this dress I will go to the fair where all the young fellows will strive to have me for a partner—but I shall refuse every one of them—" Alas—the end of the story—the fallen pail of milk—the tragic grief to her!

But I was not intending personality, only indulging in reminiscences.

A passion seized many a man. Expresses were rare in those days, and it was fun to carry home the precious spoils. Eggs \$3.00 dozen; chicks, \$5.00 per pair for breed. These ideas nerved many, they did women, as well as men.

Barnum rarely failed. The next year prizes were greater. The rush was tremendous. Febrile symptoms spread wider and wider.

My first experiment was most attractive. A trio of glorious golden Seabright bantams—a diploma and ten dollars! If such things could be done in the green—what future victories in the dry!

Presto—change! A pair of monstrous Java fowls—with greatly enlarged quarters succeeded the pets. Trouble began the first morning when Sir Java challenged the dawn of day and aroused innumerable alarmed chanticleers, by

BAKER'S BARRED ROCKS

Champions of West Tennessee—Bred to Win

Have never been beaten on cock, cockerel or hen—only once on pullet. The best all-purpose fowl bred. Write me if you want first-class fowls. I breed nothing but Barred Plymouth Rocks.

T. H. BAKER, Jr., - McKenzie, Tenn.

his rasping, sonorous, bellowing notes! My village home was in revolt.

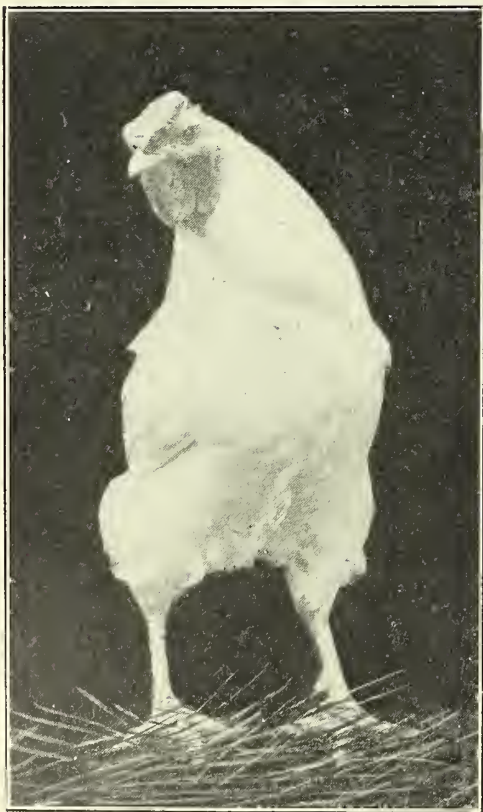
Oh well, if the Rajah of all India could have done more; if he too could have stood on tiptoe and eaten off a barrel; if some other old dame innocent of ability to lay an egg could have been more proud of her Master, the experiment could not have gone on. Reaction from fever was violent. But a kind of phantasmagoria is left and mingling with its memories are Brahmas, and Dorkings, and Spanish, and Plymouth Rocks, and Leghorns, and a lot of other things, even some humanly uttered expletives—not always happy in tone.

Finis—A bad year for corn. A small garden trodden under foot by a defying Java—the unsympathetic queries of neighbors as to the chicken market—with too many appeals to wait—and a cure was announced. Whatever became of my last venture? I declare we never ate the notable twain. They may live yet!

Never again, no never, will such an attack awaken in us such enthusiasm—unless the attractive "INDUSTRIOUS HEN" shall win farther approval. May its claims to popular favor be heard and many thousand patrons have the fun and memory of

X X X

Knoxville, Tenn., November, 1905.



2nd Prize White Wyandotte Cockerel, Anniston, Ala., 1904. Owned by Belle Mead Poultry Farm, Birmingham, Ala.

DAVIS' BARRED ROCKS

Won at Raleigh State Fair October, 1905, on four entries: 1st Hen; 1st Cockerel; 3rd Cock. At Mecklenburg Fair, October, 1905, on eighteen entries, won 1st Cock, 1st Hen, 1st Cockerel, 1st and 3rd Pullet, 2nd and 3rd Pens, and Sweepstakes for best fourteen females and two males in show.

CAN FURNISH YOU SOME WINNERS. WRITE ME.

B. S. DAVIS, Charlotte, N. C.

A. E. TATE'S BARRED PLYMOUTH ROCKS

(SOUTHERN BEAUTY STRAIN)

Originator and Breeder of the Greatest Prize Winning Strain in the South

I have raised 300 birds which are even better than last year and can sell show birds or breeders that are good enough for any company.

I also have a few last season's breeders which I will sell very low. Don't send your money North when you can get just as good or better at home for half the cost.

VERNON HALL POULTRY FARM

A. E. TATE, Prop.

HIGH POINT, N. C.

THE FORBES

S. C. BROWN AND WHITE LEGHORNS
WHITE WYANDOTTES AND BARRED ROCKS

Champion Prize Winners in Alabama Shows. Winning more prizes than any other breeder in 1904-5; 500 head choice breeding and exhibition stock from \$1.00 up. Agent for Conkey's Roup Cure and Cornell Incubators and Brooders.

FORBES POULTRY YARDS,
NEW DECATUR, ALA.

THE BUSINESS MAGAZINE

Covers the Whole Field of Business

DEPARTMENTS:—"Survey of the Business World," "The World's Commerce," "Advertising," "The Store," "Editorial."

Ideas and suggestions in each number that are worth the subscription price for a year. The best advertising medium in the South for all who wish to reach merchants and manufacturers.

SPECIAL OFFER—The subscription price of the *Business Magazine* is One Dollar a year. We will send the *Business Magazine* for six months, as a trial subscription, for 25 cents. Address

THE BUSINESS MAGAZINE CO., Knoxville, Tenn.

For Twenty Years the Prizes

HAVE BEEN COMING TO THE

WOODLAND POULTRY FARM

WE BREED AND RAISE

Barred Plymouth Rocks, Black Langshans, White Wyandottes, S. C. Brown and White Leghorns and Silver Spangled Hamburgs with the blood lines behind them. They win for me and will win for you. Write for prices.

MRS. R. H. BELL, Knoxville, Tenn.



"CHALLENGER"—A WINNER

Madison Square Garden Winners

I call my ROSE C. Brown Leghorns "*The Best in the World*" for these reasons: They won in the Garden Firsts since 1902. In 1904 they won all four Firsts and three Seconds in large classes; 1905 they won three Firsts and Silver Cup for best exhibit; no other man won more than one first. They are largest strain; lay to 242 eggs to a pullet, and lay eggs up to 33 oz. to 12. Now, are they not the best? My Rose Comb Whites and S. C. Whites are noted for big and many eggs. S. C. Browns lay to 239 eggs to a pullet; win at Madison Square. Barred and Buff Rocks. See free catalog. Collie Puppies and of the finest strains. W. W. KULP, Pottstown, Pa. Box 75

The People's Poultry and Pet Stock Association.

The People's Poultry and Pet Stock Association of Allen County, incorporated last March, has now 54 members, all breeders of fancy poultry, who are working hand in hand for the largest and best show ever held in Ft. Wayne.

The judges, Orr, Ellison, Ewald and Mackie are styled the "Big Four," and fanciers throughout this section are taking a greater interest on account of their connection with this show, which will be held December 11th to 16th.

The Dog Department will be controlled by the rules of the American Kennel Club and promises to be a big feature.

Large regular cash prizes will be paid in addition to \$110.00 in gold as special prizes. Three silver cups, each valued at \$10.00, will be presented to the highest scoring fowl, pen and best display of pigeons. Several hundred dollars worth of merchandise offered by our friends, the business public, ranging in price from 50c to \$15.00, will be given as special prizes. The association guarantees the payment of all prizes.

There has never before been so much interest displayed in this locality with its 100,000 people. Ft. Wayne and Allen County, so admirably located and its numerous railroads and interurban lines, assures a good attendance. One thousand admission tickets have been distributed among the members who are using all their efforts to dispose of them to their friends.

An eighty page premium list, with entry blanks will be out by November 1st and will be mailed to those who desire them, also any information regarding the show will be cheerfully answered by the Secretary, Phil A. Heller, Fort Wayne, Ind.—*Phillip A. Heller, Sect.*

WANT AN EGG MAKER?

Use Darling's Beef Meal.

Guaranteed absolutely fresh, sweet, free from taints and mustiness. No other so rich in protein and low in fat.

The following in 100 lb. bags are f. o. b. Chicago or New York, cash with order: Laying Food \$2.00, Scratching Food \$2.00, Forcing Food \$2.00, Chick Feed \$2.50, Mica Crystal Grit 65c. Oyster Shells 60c. Beef Scraps, Bone Meal and other Foods and Supplies.

Write for our food and supply catalog, greatly improved this year. All the good things in poultry foods and supplies. Also booklet, "Fill the Egg Basket". Address nearest office.

DARLING & COMPANY,

Box 41, Long Island City, NEW YORK.

Box 41, Union Stock Yards, CHICAGO.

VERMINITE

The well-known insecticide manufactured by the Nashville Chemical Co., is a product of years of experience in the fight against mites, fleas and other vermin. We strongly advise all those who desire cleanliness and health in their henneries and kennels to procure a sample of Verminite. A solution of one to two ounces in a gallon of water sprinkled in the poultry house and kennels will keep them free from vermin.

As a disinfectant and bath for dogs and other animals it is unequalled.

8 oz. Bottles, 25 Cents. One Gallon Cans, \$1.50

NASHVILLE CHEMICAL CO.

921 First Avenue, N.

NASHVILLE, TENN.

WE GUARANTEE EVERY HOMER

We ship to fly 500 miles in one day. Our Buck-eye Pit Games are the best Pit fowl in the world, so our customers say. Write us today about them.

THE ELWOOD M. PUSEY CO., E. Liverpool, O.

Borrowing and Lending of Show Birds.

The borrowing and lending of show birds is becoming a serious matter to the poultry fraternity. It works harm to more than one class of poultry keepers. The man who borrows and wins on some one else's birds can not put these winners on his mating list, and has to tell some kind of a "story" when asked by a visitor to his yards—"Where is your Boston first-prize cock?" The borrower who advertises his winnings is often asked for eggs from his prize birds and must either tell the truth, and lose a sale, or ship eggs other than are paid for.

The lender of show birds may see his pet cockerel and pullet win the blue ribbon, will see in the show reports credit going to the borrower, and not unfrequently read advertisements that make him angry.

If the trouble extended no further than to the lender and borrower of birds we should not take time and space to go into this matter. We have no pity for the lender who fails to get credit for his birds' winnings, nor for the borrower who dares not use his winnings to their full extent.

We are writing for our readers who buy eggs and birds of these poultrymen who do the wrong thing. They naturally want the best and should get it. All they have to judge by, generally, is the show-room record and the published advertisements. How are they to know that one male bird figures as winner at three shows under the name of three different men? What chance have they to get eggs from this special bird? To whom shall they sent next fall to get a cockerel from this winning male?

This whole question is being talked over among poultrymen. Some who have been both lenders and borrowers in the past have put themselves on record to us as having lent and borrowed their last bird. There is to be a movement toward stopping this wrong-doing—in fact it is being pushed this fall.

We are in the matter deeply enough to know that doings of the past winter will not be allowed to occur next season without some solid work being done to stop it. There will be some blue afterthoughts to some who attempt to win on borrowed birds.

Look at this whole matter from all points of view and then write us what you are willing to do to help honest winning at the coming shows.—*Exchange.*

S. C. BROWN LEGHORNS

PRIZE WINNERS
AT CHICAGO.

I am selling eggs \$2 per 13; \$6 per 50. Have some fine cockerels for sale. Send for circulars.

WM. M. LUTHER

Box A, Morton Park, Ills.



NEW POULTRY CUTS For 1905 we have many new illustrations of pairs, trios and single birds. Our new catalogue shows all. Send for it today. I also breed H. P. Rocks—Eggs for sale. Chas. L. Stiles, 921 Mohawk St., Columbus, O.

HOPE'S Great Jewelry Store

Has Issued a Holiday Catalogue

Which will be sent FREE on request to any address. This catalogue illustrates the newest ideas in Holiday Jewelry, Watches, Cut Glass, Silverware and other Art Wares, and also tells of the immense stocks which we carry at all times. It is interesting and informing, and will make easy the selection of your Christmas Gifts. We want every reader of this publication to have a copy. Send for it TO-DAY.

HOPE BROS., Jewelers
519 Gay St., Knoxville, Tenn.

D. R. MAYO

Farm Seeds, Flowering Bulbs, High Grade Fertilizers

POULTRY SUPPLIES { BONE, OYSTER SHELL,
... GRIT, EGG FOODS.

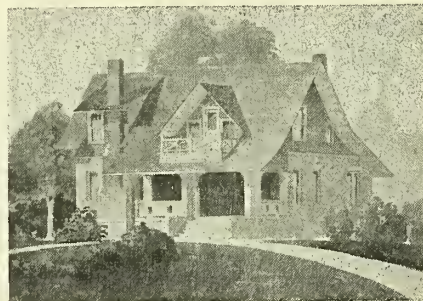
Bands, Markers, Linseed Meal, Lice Powders, Etc.

Orders by Mail Given Prompt Attention.

D. R. MAYO, 625 Gay St., KNOXVILLE, TENN.

BUILDING PLANS AND DESIGNS

A NEW BOOK



THIS HOUSE COST \$2,000
Fully illustrated in the book

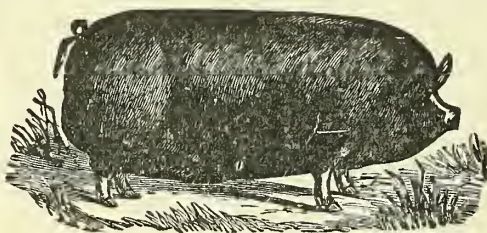
Illustrating Houses costing
from \$1,200 to \$16,000

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WORTH MORE THAN DOLLARS TO YOU
SEND 50 CENTS FOR IT

M. E. PARMELEE, Architect
OPPOSITE P. O. ON CLINCH ST.
KNOXVILLE, TENNESSEE

Name price of house you desire to build

Duroc-Jersey Hogs---Silver Penciled Wyandotte Cockerels



As fine Pigs as
can be found,
and as hand-
some Chicks as
grow.

Write your needs to
J. C. WHITE,
Knoxville, Tenn.



EXHIBITION

Barred Plymouth Rocks

CHOICE COCKERELS FOR SALE

Yard headed by Brother 1st Cockerel, Providence, R. I.,
1904; 2nd, Boston, Mass., 1904-5.

EGGS IN SEASON, \$2.00 PER 13.

MRS. W. R. MADDEN, South Knoxville, Tenn.

Yes, you can

Get Cockerels and Pullets from our specially mated yards in pairs, trios or any number you want.

BARRED AND WHITE ROCKS, BUFF AND WHITE WYANDOTTES, BUFF ORPINGTONS, BUFF COCHINS, LIGHT BRAHMAS, BUFF AND BROWN LEGHORNS.

Also a lot of A1 breeders and show birds that must go to make room. Write your wants and get our prices. We will please you.

BELLE MEADE POULTRY FARM

ROUTE No. 2

BIRMINGHAM, ALA.

LAKE WILDWOOD POULTRY YARDS

BARRED ROCKS EXCLUSIVELY—ROYAL BLUE STRAIN

In six years careful breeding we have reached a high point of excellence. HAVE WON PRIZES WHEREVER EXHIBITED.

SATISFACTION GUARANTEED

EGGS AT REASONABLE RATES

CORRESPONDENCE SOLICITED

Address

G. W. COLEMAN, Cleveland, Tenn.

BUFF ROCKS.

I have made a specialty of breeding Buff Rocks for twelve years—I believe I am the oldest and possibly the largest breeder of Buff Rocks in the West. In the past I have won my share of the ribbons—In the future I will not exhibit, but will breed winners for others.

My 1905 Birds are the Best I Have Ever Raised.

Many [Males and Females] are solid Buff throughout. A price is placed on every bird. You can have choice of the flock if you wish it.

Write describing your wants, whether breeders or exhibition stock, and stating about what price birds you desire.

B. E. JOHNSON, Kirkwood, Mo.

PULMOLINE

Cures Consumption, Bronchitis, Pneumonia, Croup, Colds, Chronic Coughs and Catarrh. Prescribed and recommended by the leading physicians. Used extensively by the most prominent Sanitariums for treatment of Pulmonary diseases.

PULMOLINE IS EXTERNALLY APPLIED

Gives quick relief; destroys the disease germs and aids the tissue-building processes; increases the appetite; contains no opiate. For sale by all druggists. Price \$1.00.

PULMOLINE CO., Box 635, Knoxville, Tenn.

Until your druggist can supply you, Pulmoline will be sent postpaid upon receipt of regular price. **CORRESPONDENCE SOLICITED.**

The \$7.50 Incubator.

We desire to call the attention of our readers to the new advertisement of Everybody's Incubator found elsewhere in our columns. The manufacture of incubators has now become a science and the up-to-date manufacturer uses all the latest labor saving automatic machinery to reduce the cost so the machines can be placed in the hands of the poultry raisers at the lowest possible first cost. So well have the manufacturers of the above incubator done in this particular that they are enabled to make a first class and successful hatcher at the unheard of low price, \$7.50 for a 120 egg machine. This is certainly bringing the price down so everybody who keeps even only a dozen fowls can afford to avail themselves of the advantages of artificial means of hatching. We earnestly advise our readers to send for their free catalog describing their hatcher and tell them you saw their advertisement in THE INDUSTRIOUS HEN. This will help us and will bring you a quick reply. Address The Gouverneur Incubator Co., Gouverneur, N. Y.

The Eggs Have Hatched

... AND ...

The Chickens are Reaching Maturity

I have them in: Black Langshans, Black Minorcas, White and Brown Leghorns, Dark Brahmas and White Rocks. I can furnish you a trio of good young birds at \$5.00 a trio, and they have a show record behind them. 3 1/2-grown Collie puppies for sale or exchange for pure bred poultry

MRS. F. L. MIXON,

Station A, ATLANTA, GA.

White Wyandottes

Breeding pens—four hens and a cockerel \$7.00
Trios 5.00
Pairs 3.00
1 trio S. C. White Leghorns . 5.00

Write your wants. I can please you. Satisfaction guaranteed or your money returned cheerfully.

JULIAN L. SHIPP, Highland Park, Tenn.

Suburb of CHATTANOOGA, TENN.

IF YOU WANT

TRAP NESTS

GET THE

SUPERIOR

The Latest! The Best! The Cheapest! **SATISFACTION GUARANTEED**

Won Highest Award at Illinois State Fair
Write for circulars

J. A. BICKERDIKE

The Trap Nest Man

Box H

MILLERSVILLE, ILL.



FENCE STRONGEST MADE. Built strong chicken-tight. Sold to the Farmer at Wholesale Prices. Fully warranted. Catalog free. **COILED SPRING FENCE CO.,** Box 48, Winchester, Indiana.

The Egg Situation.

The egg situation is not greatly dissimilar from that of last fall; in fact, about the same conditions appear. All last spring speculators bought eggs freely of farmers and put great quantities into cold storage. For the past two or three winters the egg deal, with occasional exceptions, has proved quite profitable to those who held storage stocks until the cold weather months. This stimulated buying during the heavy laying period last spring, and of course resulted to the interest of farmers. One year ago, in 1904, the quantity of eggs that went into refrigerators, was notably large, being a record-breaker, in fact.

This year it is even greater. Combined storage stocks at New York, Chicago, Boston and Philadelphia at the opening of October were by trade journals estimated at 1,750,000 cases of 30 dozen each, an increase of about 200,000 cases over the same time in 1904. While the cities just named boast perhaps the largest storage accommodations for eggs, it must be borne in mind that numerous other points, such as Buffalo, Pittsburg, Cleveland, Minneapolis, St. Louis, Kansas City, etc., store upward of 100,000 cases or more each year.

The course of the egg market during the coming winter is naturally a matter of concern to farmers and poultrymen for it not only governs prices to be received for the moderate output of the cold winter months, but it also has a great deal to do with the attitude of buyers in the spring of 1906. Eggs went into storage at Chicago last April and May at a range of 16 to 18½ cents per dozen, and at New York at 17 to 19 cents. It will be borne in mind that the spring months were uniformly cool, and a very superior lot of eggs went into storage for the markets of this fall and winter. To give speculators a fair profit, eggs during the late fall and winter months should sell above 20 cents per dozen.—*White's Class Ads.*

GIVING AWAY

Bargains in the very choicest line bred breeding and exhibition stock. Our grand show record is proof positive of the quality we have. And brother, hear us: If you wish to start right, save time and money, and make a success, simply try us is all we ask. Barred Rocks, Wyandottes, Games, Leghorns, Brahmas, Ducks, Quarter Wild and Bronze Turkeys.

Send for handsome Catalogue.

OUACHITA VALLEY POULTRY FARM

GEO. W. BROWN, Prop.

CAMDEN, ARKANSAS

White Wyandottes, Pekin Ducks, White Holland Turkeys.

Eggs 15 for \$1.50.

Only a few choice birds for sale. Prices on application.

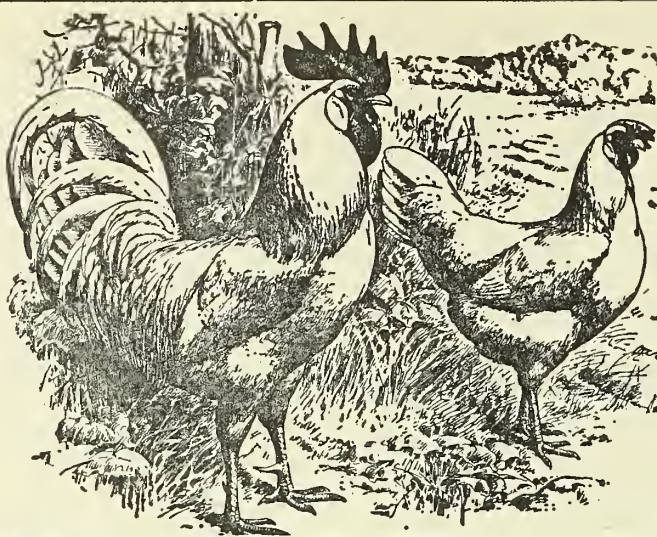
L. R. KELLY, Ridge Farm, Vinemont, Ala.

WHITE WYANDOTTES

(PURITY STRAIN)

We have some superb birds, both old and young, that we are offering at special prices for next 30 days. Don't you want a fine male bird for next season? Write us your wants.

YATES BROS., GREENVILLE, S. C.



R. C. Brown and S. C. White
LECHORNS

..AND..

S. C. Black Minorcas

FINE PENS TO SELL

I breed to lay, winners in the best shows. Cockerels from hens that layed 253 eggs in 1904. These birds will improve your strain in laying, as they are bred for this purpose. Write me.

FRED AXLEY

SWEETWATER, TENN.

Route No. 5

HERE YOU ARE!

I have for sale 12 Pens (One Cockerel and Four Pullets) White Wyandottes, all first-class exhibition and breeding birds. \$10.00 per pen, while they last. First orders get choice, but they are all good. Ask the Editor of this paper; he saw 'em. Address

M. D. ANDES, Bristol, Tenn.

OFFICIAL CATALOGUE AND DIRECTORY OF

The Tennessee State Breeders' Association

Issued at close of Nashville Show. Widely Circulated.

Advertising Rates.—\$10.00 a Page; \$5.00, One-half Page; \$2.50, One-fourth Page.

WRITE JOHN A. MURKIN, JR. Box 6, NASHVILLE, TENN. FOR SPACE

\$1.00 EASILY MADE

Go among your friends and procure subscribers to The INDUSTRIOUS HEN. Every one you show the HEN to will subscribe at 50 cents a year. For four subscribers at 50 cents each, keep \$1.00 and send us \$1.00. Can any boy or girl earn a dollar easier?

THE INDUSTRIOUS HEN, - Knoxville, Tenn.



FINE BERKSHIRE PIGS

I have just eight left. They are eight weeks old and will weigh about fifty pounds each. They are of very fine stock and sell at home about as fast as they can be raised. Price, packed ready for shipping, \$25.00 per pair, or \$12.50 for one. Address C. B. JOHNSON, Box 654, Knoxville, Tenn.

THE TRIUMPH CAPONIZING SET \$3.00 POST PAID SOLVES THE SLIP PROBLEM

SEND STAMP FOR
CAPON GUIDE

ALLERTON CAPONIZER MFG. COMPANY, Allerton, Iowa



Illustrated Price List Free

A Southern Location

FOR YOUR HOME
YOUR MANUFACTURING PLANT
OR YOUR BUSINESS

Farms in Virginia, North and South Carolina, Georgia, Alabama, Mississippi, Kentucky, Tennessee.

GOOD LANDS AT LOW PRICES.

A Healthy Climate, Long Growing Season and an All-the-Year Working Season.

The South is now making greater progress than any other section. If you would learn about its developments and the opportunities for good locations along the Southern Railway, write for copies of our publications, which will be sent free on request.

M. V. RICHARDS,

Land and Industrial Agent, Southern Railway,
Washington, D. C.

B. J. HILLIDGE,
Agent Land and Industrial Department,
Chattanooga, Tenn.



"THE NASHVILLE ROUTE"

Tennessee Central R. R. Co.

THE SHORTEST AND QUICKEST ROUTE
BETWEEN
KNOXVILLE AND NASHVILLE

Through Double Daily Service in Both Directions, with Through Coaches on Day Trains, and Through Vestibuled Sleeping Car on Night Trains.

Call for and see that your TICKET Reads via the

TENNESSEE CENTRAL RAILROAD

THEO. A. ROUSSEAU,
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617 GAY ST., KNOXVILLE, TENN.

Printing and Bookbinding

500 Letter Heads, padded or in nice box, \$2.50. 500 Envelopes, \$1.50

Rubber Stamps, Rubber Type Printing Outfits, Daters, Inks, Ink Pads

Printed and Engraved Wedding Invitations, Cards, Etc.

100 CARDS, ENGRAVED IN SCRIPT, \$1.25. FROM OLD PLATE, 90c.

SOUTHERN REPRESENTATIVES OF THE WONDERFUL LIGHT RUNNING

FOX TYPEWRITER

Secondhand Machines for Sale. Agents wanted.

We are pleased to add to our list of regular advertisers this month the name of J. H. Henderson, one of Knoxville's leading business men and one of the best known S. C. Brown Leghorn breeders of the South. The "boys" say that the reason Mr. Henderson is such a good judge of Brown Leghorn color is because he has brown hair. Parties seeking the best in Brown Leghorns will not be disappointed with Henderson's "Brown Beauties."

The Missouri hen, for the fiscal year just closed, was worth just \$31,642,762.61 in the shape of eggs, and chickens and feathers marketed 20,751 carloads in all. That was a few million dollars greater than the combined surplus product of horses, mules, hogs and sheep of the state for the same period.

GOLDEN WYANDOTTE
SPECIALIST

SIX YEARS A BREEDER

At State Show, Louisville, January, 1905, (competing with World's Fair, Chicago and Cincinnati prize winners) I won every first prize. Silver cup best pen any parti-colored variety.

If you want Exhibition Birds that will win or Breeding Stock that will put you at the front, write me.

W. M. SPALDING, Cox's Creek, Ky.

Alexander's White Wyandottes

NO BETTER IN THE SOUTH.

45 Regular and Special Prizes—
Marshall and Schwab judges.

Eggs \$2.00 Per 15.

A. E. Alexander, Charlotte, N. C.

Greene's S. C. Brown Leghorns
AND FANTAIL PIGEONS

always win. Stock for sale. Prices right.

JOHN P. GREENE, 625 East 5th Street, Charlotte, N. C.

MOLES REMOVED

without injuring the skin. Never known to fail. Guaranteed or money refunded. Send 50c for a box of POMADA the great mole remover. Why be disfigured when a harmless vegetable preparation will remove every mole without danger.

ALIVIO CHEMICAL CO., Johnson City, Tenn.

BUFF ROCKS

Trap Nest Brod for Eggs and Standard Points. You need this kind.

L. BREMER, Columbia, S. C.

SEE THE 1906 RELIABLE

before you buy. Perfectly practical for poultrymen or beginners. Double heating system gives bigger hatches—saves one-third the oil. Sold on a money back guarantee. Write for free catalog. Reliable Farm Pure-Bred Birds and Eggs. Get prices. Reliable Incubator and Brooder Co., Box 401, Quincy, Illinois, U. S. A.



RHODE ISLAND REDS

Bred for years to suit Southern conditions, and are better in show points than any Northern birds and at the top in utility. Best winter layers, quickest maturing fryers or broilers, and are large, vigorous birds when grown. The best all-round and all-purpose fowl.

Five pens will be mated up December 1st. Eggs from first pen, headed by "Lord Red," with six rich, even colored pullets, \$3.00 per 15. Other pens, \$2.00 to \$1.50 per 15. Incubator eggs at special prices at all seasons. Catalogue and booklet sent gladly.

CHEROKEE FARM, Reese V. Hicks, Prop., Madisonville, Tenn.

PEKIN DUCKS, BRONZE TURKEYS, TOULOUSE GEESE, AND ABERDEEN-ANGUS CATTLE.

The International Stock Food Company is coming to the front this year with an Incubator and Brooder that is bound to attract the attention of every practical poultryman in the country. For years it has been considered to be an impossibility to construct a square or ob-long incubator and have an equal temperature in the corners, sides, ends and center, the same being taken from flat trays. The manager of their Poultry Supply Department, Mr. N. C. Sprague, has been experimenting for the last ten years for overcoming the difficulties experienced by every other manufacturer. It now seems that success has crowned his efforts, for he has succeeded in building a Hot-Air Machine that, under severe tests, proves that the temperature problem has been solved.

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This firm has a world-wide reputation for doing things right, and we confidently expect to see their line of incubators and brooders force themselves right to the front. The principles involved are of the greatest importance to every practical poultryman. Mr. Sprague's thorough knowledge of the subject of artificial incubation, places him in a position for solving the questions that have been trying and perplexing in years past. We understand that Mr. Sprague has a few more surprises in store for the public, and our readers may expect to hear from his work almost any time. Experienced incubator operators are bound to appreciate the value of the new discoveries that will from time to time come from Mr. Sprague's work rooms. The International Stock Food Company carries a very large line of supplies, and our readers should have their catalogue. When writing for it, be sure to mention this paper.

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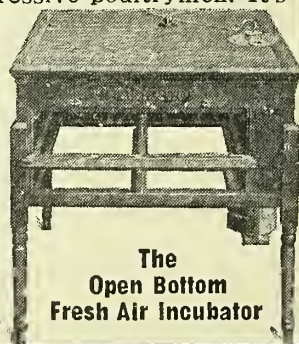
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LONG View Poultry Farm, Smithsburg, Md., still has a few choice young S. C. White Leghorn cockerels and pullets for sale, that are bred from Hagerstown winners and are winners as an egg strain; has been bred in line for egg production for ten years and today surpassed by none. W. B. Dayhoff, Proprietor. 20

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20 THOROUGHbred Single Comb Brown Leghorn eggs \$1, packed to go safely anywhere and a good hatch guaranteed. Brown Leghorn cockerels, two months old, 50c each. Choice thoroughbred Belgian Hares shipped anywhere on approval. Fancy Pigeons. Don't delay; write today. Satisfaction guaranteed. E. Sterling Windes, Route 1, Leigh-ton, Ala.

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FORD'S Black Minorcas make another victory at Kentucky State Fair, 1905; 6 birds win: 1st, 2nd cockerel, 1st, 2nd pullet, 2nd cock. Exhibition and breeding stock at living prices. L. B. Ford, Wades Mill, Ky. 19

ROUND'S Ideal Black Minorcas, line bred for years; 64 fine birds on range, settings \$1; 12 special R. & S. C. mating (No. 3), settings at \$1.50 after May 5th. Some nice breeders for sale June 1st. Spring Water Poultry Farm, Fred Rounds, Owensboro, Ky.

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S. C. BLACK MINORCAS—Shoemaker strain, extra large; my birds have never lost a ribbon when shown. Eggs in season \$1.50 for 15. Stock for sale. Also registered Poland China Hogs from three leading strains. Six sows and two boars that are a show to all who see them. High Peak Swine and Poultry Farm, Alex Collins, owner, Lewisburg, Tenn.

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BUFF ORPINGTONS exclusively—Cockerels, hatched February, March and April; large, vigorous; free range birds that will please you; \$1.00 up. E. J. Steed, Ramseur, N. C.

SINGLE Comb Buff Orpingtons, Rich Golden Buff, pairs, trios and cockerels at reasonable prices. Eggs in season \$3.00 per 15. Henry Kedzie, Dyersburg, Tenn.

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S. C. BUFF ORPINGTONS—Cockerels and pullets in November \$1.50; will have eggs for sale next spring. J. M. Kelly, Gordonsville, Tenn.

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HOMER Pigeons, 5 pairs mated breeding birds for sale, cheap. N. A. and N. M. Robinson, 1812 Hebron Ave., Zion City, Ill.

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BROWN'S RHODE ISLAND REDS—Stock from pens scoring to 94. Score cards with birds after November 15. Mrs. C. W. Brown, Chariton, Iowa, Route 1.

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BARRED PLYMOUTH ROCKS—Brown Leghorns—The two leading breeds. Pure blood stock for sale. Eggs 15 for \$1.50. Order now. E. C. Fewell, Dublin, Texas.

BARRED Plymouth Rock cockerels from prize winning ancestry—royal blood—\$2.00 each, worth \$5.00. Get one and watch results. Trios \$5.00. L. B. Ford, Wades Mill, Ky. 19

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BARRED Plymouth Rocks (exclusively); choice, healthy, farm raised cockerels at \$1.00 and \$2.00 each. Eggs \$1.00 per 15. Satisfaction guaranteed. Carlisle Poultry Farm, Dublin, Texas.

BUFF PLYMOUTH ROCKS (Burdick's nuggets) cockerels \$1.00 up. Eggs from choice matings \$2.00 per 15. The Yellow Feather Poultry Farm, Upper Alton, Ill.

RINGLET Barred Plymouth Rocks, beautiful birds, prolific layers, cockerels, pairs, trios, and pens. Prices reasonable. Satisfaction guaranteed. Address, Leslie H. McCue, Box H, Afton, Virginia.

"RINGLET" BARRED ROCKS are unequalled for quality. My birds are noted for good combs, grand shape, good, bright bay eyes, rich yellow legs, large size, clear, distinct barring. They never fail to give satisfaction. They have the breeding back of them and will reproduce themselves. We will sell a few good hens at \$1 and \$2 each. Cocks \$2 to \$5. Order early and get the cream. If you want to get a start, here's your chance. Plummer McCullough, Mercer, Pa.

TEXAS Bred Barred Rocks Ringlet Blood for sale at \$1.00 to \$5.00 each and satisfaction guaranteed by H. F. Bohmfalk, R. F. D. 3, Mart, Texas. Exhibition birds a specialty.

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PARTRIDGE WYANDOTTES—The Ideal Fancier's Bird—The best general utility fowl. Have New York, Chicago, Pittsburg, Indianapolis and Erie winners. Stock and eggs for sale. Orders now being booked at two dollars per fifteen; eggs from selected pens headed by First Chicago, Second New York and First Pittsburg males, three dollars for thirteen. Satisfaction guaranteed. Albert Fletcher, Jr., Warrenton, Virginia. 30

PARTRIDGE Wyandottes. Standard bred. Exhibition and breeding cockerels and pullets sold on approval. N. A. and N. M. Robinson, 1812 Hebron Ave., Zion City, Ill.

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BEFORE buying get special inducement prices from Exchange Poultry Farm, Cumberland, Ohio, on pure bred poultry and Buff Turkeys. We can interest you. Write us. Exchange Poultry Farm, Harry Prouty, Prop.

BIG Buff Rocks from 10 lb. male (Allison). S. C. and R. C. Buff Orpingtons (Willow Brook, Williams & Co.), Fluffy Buff Cochins (Rudy & Son), Buff Wyandottes (Lloyd, Munden, Bowden), R. C. Buff Leghorns (Kenep, Hacker), S. C. Buff Leghorns (Solid Buffs). Breeders \$1 to \$4.00. Excelsior Buff Poultry Yards, Bannock, O. 21

CORNISH Indian Games, Houdans Barred Plymouth Rocks, Brown Leghorns and Dark Brahmas, thoroughbred and fine. Address, Ramseur Poultry Yards, Box 8, Ramseur, N. C.

HAMBURGS, Leghorns, Minorcas, Reds, Rocks, Wyandottes, Eggs and Stock Bargains. Albertville Poultry Farm, Albertville, Alabama.

J. G. B. ERWIN, Erwins, Ga., breeder of Buff and White Orpingtons, White Guineas, Indian Games and White Turkeys, also first class Berkshires, etc.

OAK FOREST herd of Poland Chinas, home of blue ribbon winners. Top breeding individually good; young stock for sale. Kennon's Barred Rocks heavy laying strain and prize winners, cockerels scoring 90 to 92½ points \$1.00 to \$1.50 apiece. Mammoth Bronze Turkeys; great breeders and layers; toms \$3.00; hens \$2.00. H. L. Kennon, Dunnegan, Mo.

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STOCK and Poultry, Shorthorn cattle, Poland China hogs, M. B. turkeys, B. P. Rocks, Blk. Langshans, Tuggle Red Warhorse Pit Games and Pekin Ducks. Guaranteed good stock and safe arrival by express. Give us a trial order; 8th year. Tuggle Bros., Route 5, Watertown, Tenn.

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FOR SALE—The finest Pit Game chickens in the South. Write for prices. R. M. Caldwell, Hymer, Ala.

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FOR SALE CHEAP—Young cockerels of six different bars; Brown Leghorns, hens and pullets. Send five cents stamps for large incubator and brooder catalogue. Old Paduke Poultry Yards, Paducah, Ky. 19

SURE CURE for sore head and cankerous roup; 50c box. Brown Leghorns, farm raised. For prices apply to Mrs. Lewis H. Williams, Sunflower, Ala.

WANTED — "Ringlet" Barred Plymouth Rocks; choice farm raised birds of early April hatch. Must be strictly first class and cheap for cash. Box 1, Shawanee, Tennessee.

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WHITE Holland Turkeys for sale; five dollars (\$5.00) per pair. Mrs. Mary W. Baker, Okolona, Miss., R. F. D. 1.

WILL SELL a fine pair of Partridge Wyandottes or will exchange for Buff Rock pullets; a square deal either way. D. W. Jasdine, Staunton, Va.

WINNINGS AT GEORGIA STATE FAIR.

Poultry Show October 17-21, 1905.

J. H. Drevensadt, Judge.

Anconas—Ck. 1-2-3, W. S. Smith, Whitney's Point, N. Y.; hen 1-2-3, ditto; ckl. 1-2-3, ditto; pullet, 1-2-3, ditto; pen 1, ditto.

Andalusians—1 ck., 1 hen, 1 ckl., 1 pul., 1 pen, S. E. Wurst, Elyria, Ohio.

Brahmas (Dark)—Mrs. F. L. Mixon, Atlanta, 1 ck.; Belmont Farm, Smyrna, Ga., 2 ck.; S. E. Wurst, 3 ck.; Belmont Farm, 1-2-3 hen; Mrs. F. L. Mixon, 1 ckl.; S. E. Wurst, 2 ckl.; Mrs. F. L. Mixon, 1 pul.; S. E. Wurst, 2 pul.; S. E. Wurst, 1 pen.

Brahmas (Light)—Belmont Farm, 1-3-4 ck.; Mrs. F. L. Mixon, 2 ck.; S. E. Wurst, 5 ck.; Belmont Farm, 1 and 4 hen; Mrs. F. L. Mixon, 2 and 3 hen; Belmont Farm, 1-2-3 ckl.; J. N. Jeffry, West Raleigh, N. C., 4 ckl.; T. C. Crawford, Edgewood, Ga., 5 ckl.; T. C. Crawford, 1-2 pul.; Belmont Farm, 3 pul.; J. N. Jeffry, 4 pul.; Belmont Farm, 1-2 pens.

Cochins (Black)—All to S. E. Wurst, Elyria, Ohio.

Cochins (Buff)—Mrs. F. L. Mixon, 1 ck.; Belmont Farm, 2 ck.; W. S. Smith, 1 hen; Mrs. Mixon, 2-3 hen; Cherry Hill Farm, 1 ckl.; Belmont Farm, 2 ckl.; Cherry Hill Farm, 1 pul.; Belmont, 2 pul.; Belmont, 1-2 pens.

Cochins (Partridge)—All to S. E. Wurst. Games, Pit (Warhorse)—Belmont Farm, 1-2-3 ck., 1-2 hen, 1 ckl., 2 pul., 1 pen; E. T. Boswell, Siloam, Ga., 2 ckl., 1 pul., 2 pen.

B. B. Red Games—All to S. E. Wurst.

Brown Red—All to S. E. Wurst.

Golden Duckwing—All 1 to S. E. Wurst; E. T. Boswell, 2 ckl., 2 pul.

Red Pyle—All to S. E. Wurst.

White Pyle—All to S. E. Wurst.

Allen Roundheads—All to S. E. Wurst.

Georgia Shawlnecks—L. B. Robeson, Marietta, Ga., 1 ck., 2 hen, 1-2-3 ckl., 1 pul., 1-2 pens; Belmont, 2 ck., 1 hen, 2 pul.

Hamburgs (Black)—All to W. S. Smith.

Golden Penciled Hamburgs—W. S. Smith, 1 ck.; bal. to S. E. Wurst.

Golden Spangled Hamburgs—All to S. E. Wurst.

Silver Spangled Hamburgs—All to S. E. Wurst.

Cornish Ind. Games—J. G. B. Erwin, Erwin, Ga., 1 ck.; Belmont Farm, 2-3 ck., 1-2 hen, 1 pul., 1-3 pens; S. E. Wurst, 4 ck.; Dr. S. P. Burdine, Amory, Miss., 3-4 hen, 1-2-3-4 ckl., 2-3-4 pul., 2 pen.

White Ind. Games—S. E. Wurst, 1st hen; Belmont Farm, 2d hen, 1-2 ckl., 1-2 pullet.

Langshans (Black)—Belmont Farm, 1-3 ck., 1-3 hen, 1-2 ckl., 1-2 pul., 1-2 pen; Mrs. F. L. Mixon, 2 ck., 2 hen.

Langshans (White)—Belmont Farm, 1 ck., 2 hen, 2 pul.; S. E. Wurst, 2 ck., 3 hen, 1 ckl., 1 pul.; W. S. Smith, 1 hen, 2 ckl., 1-2 pens.

Leghorns (Brown S. C.)—Belmont Farm, 1-2-3 ck., 1-2-3-4 hens, 1-2-4 ckl., 1-2-3 pul., 1-2-3 pens; H. M. Collins, Charleston, S. C., 3 ckl., 4-5 pul.

Leghorns (Brown R. C.)—Dr. W. S. Watson, Atlanta, 1 ck., 1-2 hens, 1-2 ckl., 1-2-3 pul.; H. M. Collins, Charleston, S. C., 2 ck., 3-5 hens, 4-5 pul.; S. E. Wurst, 3 ck., 4 hen, 1 pen; W. S. Smith, 3 ckl., 2 pen.

Leghorns (White S. C.)—A. T. Maund, Geneva, Ga., 1-3 cks., 5 hen, 4 ckl., 4-5 pul., 1 pen; W. H. Hardin, Valle Crucis, N. C., 2 ck., 1 hen, 5 ckl.; Belmont Farm, 4-5 ck., 2 hen, 2 ckl., 2 pul., 3-4 pens; J. N. Jeffry, 3 hen; S. E. Wurst, 4 hen, 1 ckl., 1 pul.; Lawson & Varnell, Cleveland, Tenn., 3 ckl., 3 pul.; C. E. Reagan, Conyers, Ga., 2 pen.

Leghorns (White R. C.)—Belmont Farm, 1-4 ck., 2-3 hen; S. E. Wurst, 2 ck., 1 hen, 1 ckl., 2 pul., 1 pen; W. S. Smith, 3 ck., 2 ckl., 1 pul.

Leghorns (Buff)—P. H. Walker, Cleveland, Tenn., 1 ck., 2 hen, 1-2 ckl., 1-2 pul.; Miss Marie Mixon, 2 ck., 5 ckl., 5 pul.; Belmont Farm, 3 ck., 1-3-4 hen, 4 ckl., 3-4 pul., 1 pen; A. B. Vickery, Lavonia, Ga., 3 ckl.

Minorcas (Black S. C.)—Mrs. F. L. Mixon, 1 ck.; Belmont Farm, 2 ck., 3-5 hen, 2 ckl., 2-5 pul.; S. E. Wurst, 3 ck.; H. M. Collins, Charleston, S. C., 1-2-4 hen; Mrs. W. S. Porter, Petersburg, Tenn., 1-3-4 pul.; C. O. Harwell, Atlanta, 1-3 pen; C. H. Ledford, Atlanta, 2 pen.

Minorcas (White S. C.)—Belmont, 1 ck., 2 hen, 1 ckl., 1 pul.; W. S. Smith, 2 ck., 1 hen, 1 pen; S. E. Wurst, 2 ckl., 2 pul.

Orpingtons (Buff)—O. A. Muse, Decatur, Ga., 1 ck., 1 ckl., 1 hen, 1-3 pul., 1-2 pen; Belmont Farm, 2-4 cks., 3-4-5 cks., 2-3-4 hens, 5 pul.; S. E. Wurst, 3 ck., 5 hen; J. G. B. Erwin, Erwin, Ga., 5 ck.; J. N. Jeffry, Raleigh, N. C., 2 ckl., 2-4 pul.

Orpingtons (White)—J. G. B. Erwin, 1 ck., 1 hen.

Barred Ply. Rocks—Jul McCamy, Dalton, Ga., 1 ck., 1 ckl., 2 pen; Belmont Farm, 2-5 ck., 2-3-4 hen, 1 pul., 1-4 pen; J. N. Jeffry, W. Raleigh, N. C., 3 ck., 4 ckl.; Geo. F. Montgomery, Marietta, Ga., 4 ck.; J. R. Barrett, Aberdeen, Miss., 1 hen, 2 ckl.; J. W. French, Aberdeen, Miss., 5 hen, 3 ckl., 5 pul., 3-5 pens; L. C. Dorsey, Sunnyside, Ga., 5 ckl.; Barrett & French, Aberdeen, Miss., 2-3-4 pul.

Buff Ply. Rocks—C. W. Fowler, Smyrna, Ga., 1-2-5 ck., 1-2-3-4-5 hen, 3-4 ckl., 1-2-4-5 pul., 2-3-4 pen; W. R. Davis, Calhoun, Ga., 3 ck., 1-2 ckl.; Jul McCamy, Dalton, Ga., 4 ck.; T. W. Whitfield, Smyrna, Ga., 5 ckl., 1 pen; S. E. Wurst, 3 pul.

White Ply. Rocks—J. K. Ottley, Atlanta, Ga., 1-4 ck., 1-5 hens, 5 ckl., 1-4 pul., 1 pen; Palace Poultry Co., Charleston, S. C., 2 ck., 2-3 hen; G. D. Harwell, Edgewood, Ga., 3 ck.; Mrs. F. L. Mixon, 5 ck.; Belmont Farm, 4 hen, 4 pen; Dr. I. P. Burdine, Amory, Miss., 1-2-3 ckl., 2-3-5 pul., 2-3 pen; Gaines Poultry Yards, Gaffney, S. C., 4 ckl., 5 pen.

Polish (W. C. Black)—Belmont, 1 ck., 1 hen, 2 ckl., 2 pul., 1-2 pens; S. E. Wurst, 2 ck., 2 hen, 1 ckl., 1 pul.

R. I. Reds—Belmont, 1-2 ck., 1-2-3 hen, 3 ckl., 2-3 pul., 2-3 pens; L. K. Terrell, Birmingham, Ala., 1-2 ckl., 1 pul., 1 pen.

Wyandottes (Buff)—Marion Farm, Smyrna, Ga., 1 ck., 2-4 hen, 1 ckl., 3-4-5 pul.; Belmont, 2 ck., 1-3 hens, 2-3 ckl., 1 pul., 1-2 pen; W. S. Smith, 3 ck., 2 pul.

Wyandottes (Golden)—S. E. Wurst, 1 ck., 1 hen, 1 ckl., 4 pul.; Belmont, 2 ckl., 1-2-3 pul.

Wyandottes (Silver Ld.)—Theo. E. F. Holzhauser, Columbia, S. C., 1-2 ck., 1-4 hen, 1-2 ckl., 1-3 pul., 1-2 pen; Mrs. F. L. Mixon, 3 ck., 3 hen, 4 pul.; S. E. Wurst, 4 ck.; H. H. Verdery, Augusta, Ga., 2 hen, 3 ckl., 2 pul., 3 pen; Belmont, 5 hen, 4 ckl., 5 pul., 4 pen.

Wyandottes (White)—W. S. Smith, 1 ck.; Belmont, 2 ck., 4-5 hen, 2 ckl., 1 pul., 1-2 pens; Mrs. J. D. Jones, 1-2 hen; J. N. Jeffry, 3 hen; J. M. Kendall, Eufaula, Ala., 1 ckl., 2-3 pul.; Cherry Hill Farm, Columbia, La., 3 ckl.; W. A. Herman, Augusta, Ga., 3 pen.

Bantams (Buff Coch.)—W. S. Smith, 1 ck., 1 hen, 1 ckl., 2 pul., 2-3 pens; E. H. Galusha, Ensley, Ala., 2 ck., 4 hen; H. H. Verdery, Augusta, Ga., 3 ck., 2 hen, 1 pen; J. N. Jeffry, 3 hen, 3 ckl., 1 pul.; S. E. Wurst, 4 ck., 2 ckl., 3 pul.

Bantams (Blk. Coch.)—W. S. Smith, 1-2 ck., 1-2 hen, 1-2 ckl., 1-2 pul., 1-2-3 pens; E. H. Galusha, Ensley, Ala., 3 ck., 3 hen.

Bantams (Lt. Brahma)—M. A. Nightingale, Atlanta, 1 ck., 2-3 hen, 1 ckl., 1-2 pul.; W. S. Smith, 2 ck., 1 hen, 2-3 ckl., 1-2 pens.

Bants (Gold Seabrights)—W. S. Smith, 1 ck.; J. N. Jeffry, 2 ck., 1 hen, 1 ckl.; E. H. Galusha, Ensley, Ala., 2 ck., 1 pul.; S. E. Wurst, 2 ckl.; Belmont, 2 pul., 1-2 pens.

Bants (Silver Seabrights)—Belmont, 1 ck., 1-2 hens, 2 ckl., 2 pul., 2-3 pens; S. E. Wurst, 2 ck., 1 ckl., 1 pul.; W. S. Smith, 1 pen.

Bantams (B. B. Red Game)—R. E. Riley, Atlanta, 1-4 ck., 1 hen, 1-2 ckl., 1-2-3 pul., 1 pen; Belmont Bantam Yards, Atlanta, Ga., 2-3 ck., 2-3-5 hen, 3-4-5 ckl., 4 pul.; Miss Lola Colton, Atlanta, 5 ck.; S. E. Wurst, 4 hen, 5 pul.

Turkeys (bronze)—Belmont, 1-2-3 ck., 1-2 hen, 2 ckl., 1 pul.; Miss Cordelia Perry, Madison, Ga., 3 hen, 1 ckl., 2 pul.

Turkeys (White Holland)—S. E. Wurst, 1 ck., 1 hen, 1 ckl., 1 pul.; J. G. B. Erwin, 2 ck., 2 hen.

Parties who desire to have their old birds looked over or their young stock scored should communicate with

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Barred Plymouth Rocks of the highest quality Eggs \$2.25 per 13.
C. L. STILES, Columbus, Ohio.

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ROUTE**

ROUND TRIP RATES:

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BARRED PLYMOUTH ROCKS

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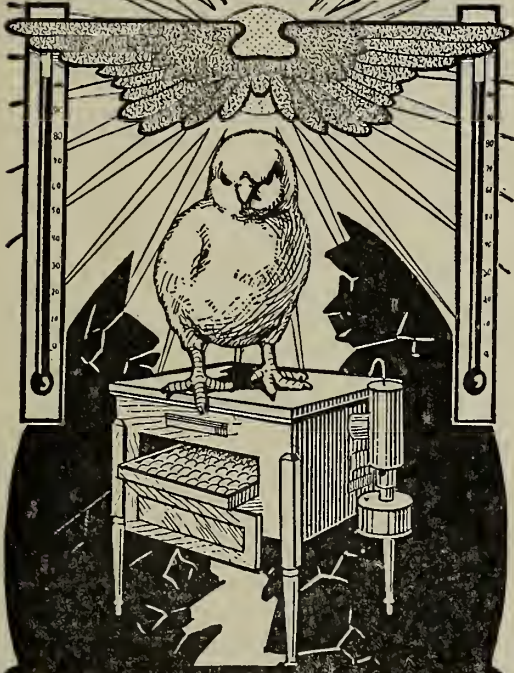
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Almost all incubators hatch well sometimes—when outside conditions are favorable. But that's the trouble. Ideal hatching conditions seldom exist, which explains why one hatch is satisfactory and the next a failure. In the

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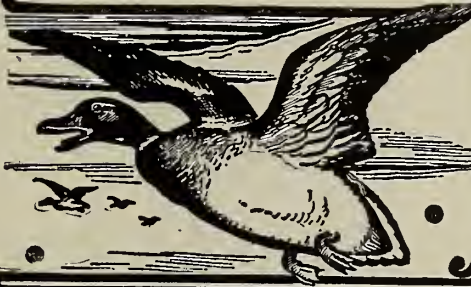
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JANUARY							JULY							FEBRUARY							AUGUST						
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14
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MARCH							SEPTEMBER							APRIL							OCTOBER						
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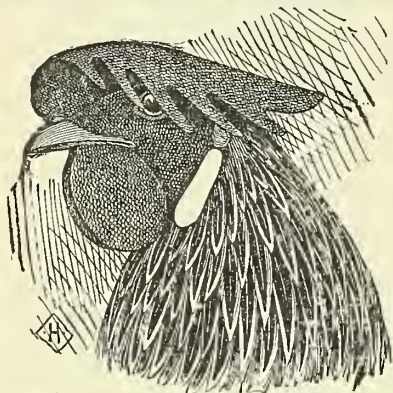
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Line bred from females scoring 93, 93½, 94, 94½, 95 (by Owen) sired by males which have produced pullets scoring 94, 94½, 95.

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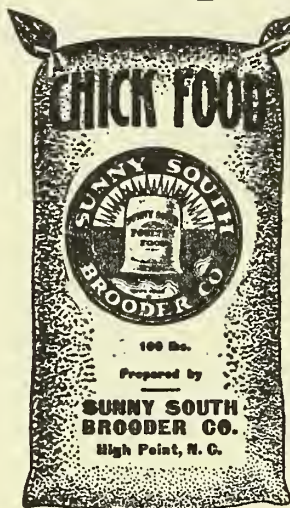
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Little chicks like little children are always hungry, and should be fed lightly about four and five times a day for the first week, and thereafter three times a day as much as they will clean up. To secure exercise, which is so much needed, we scatter SUNNY SOUTH CHICK FOOD in chaff or cut hay from the very first, so as to keep them working all day. As the chick grows older and gains in strength it requires more food, but being compelled to work, it will only secure food in proportion to its activity and with which its digestive powers will keep pace. Thus, a strong and vigorous chick is started out in life, which is so necessary to secure fully matured and healthy breeders.

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Two miles north of Knoxville. Ten acres. Handsome grove. Land lays well. No buildings. Price reasonable and terms to suit. See

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THE TEST OF A JEWEL INCUBATOR

IS IN PROVING ITS ABILITY TO HEAT CORRECTLY

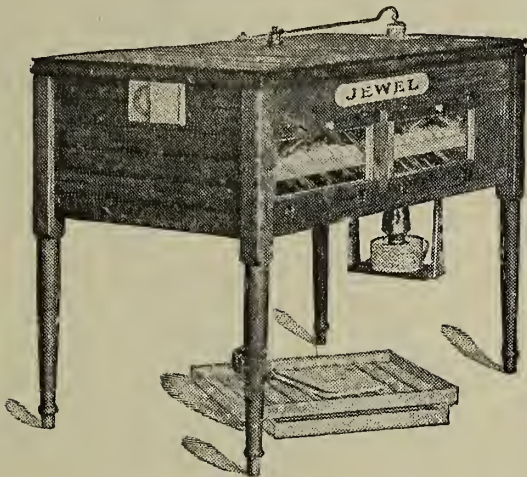
For the first time in the history of Incubator building has it been possible to build an incubator that would show and equal registration of heat in the corners, ends, sides and center of the egg chamber. Think of what this means. No slanting trays, no elevating of trays, but all of them flat and on the same level.

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EVERY TRUE POULTRYMAN WILL APPRECIATE OUR VICTORY

PROOF THAT PROVES



STATE OF MINNESOTA, } SS
COUNTY OF HENNEPIN. }

The undersigned came personally before me and being duly sworn, each for himself says:—

That at the invitation of the International Stock Food Company, they were present at the International Building, East Minneapolis, Minn., on the 11th day of November, 1905, witnessing the test of a 360 Egg Jewel Hot-Air Incubator, having flat or level trays. Thermometers placed in the ends, each corner, sides and center, registering the same heat.

After this test all the thermometers were placed in warm water and were found correct.

SIGNED

GEORGE A. LOTH, Secy. M. S. P. A.

Z. M. COLE, Breeder W. P. Rocks.

CLIVE H. OWEN, Breeder G. Wyand.

L. B. RICH, Sanitary Poultry Co.

C. L. SMITH, Court Judge.

LAWRENCE HOPE, Ex-Pres. M. S. P. A.

Subscribed and sworn to by each of the above named, this 11th day of November, A. D. 1905. R. CHRISTENSON, Notary Public, Hennepin Co., Minn.

These men have seen and now believe that the Jewel Hot-Air Incubator represents the greatest victory of modern incubator building. Practical poultrymen will appreciate the fact that under better conditions he may expect greater results. Jewel Incubators furnish better conditions and give better results. Jewel Brooders are not behind in this progressive movement, but we cannot tell you all the good things about them unless you send for our 1906 Catalogue, which will soon be ready. Jewel Brooders are without exception as far in advance of all other Brooders as Jewel Incubators are ahead of all others.

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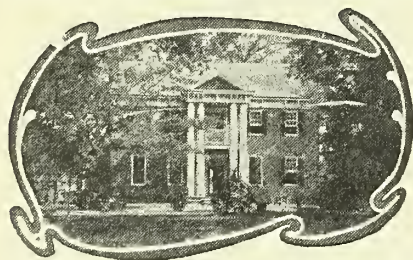
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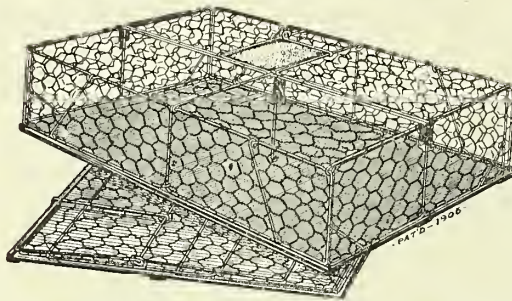
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Buff and Barred
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200-EGG INCUBATOR \$12.80

This perfect 200-egg Wooden Hen at \$12.80 is a startling trade innovation. It will do the work of the most costly hatcher, and always keeps in order. Hatches every fertile egg. Catalogue with fourteen colored views sent free.
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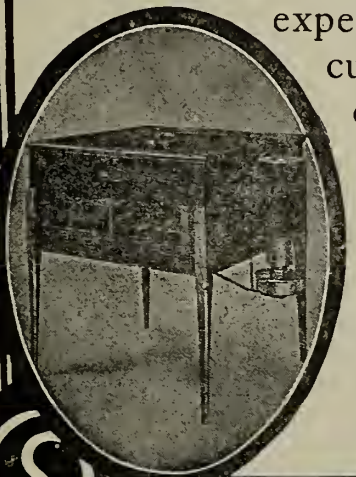
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BREEDER OF S. C. BUFF ORPINGTONS
Stock and Eggs for sale at all times.
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\$10.00 Will start you right if you buy 100-EGG

Axford Round Incubator
Cheapest and best Hatcher ever built. 30 years record.
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Premium Millet Seed	per 100 lbs.	1.35
Premium Chicken Wheat	per bushel	.85

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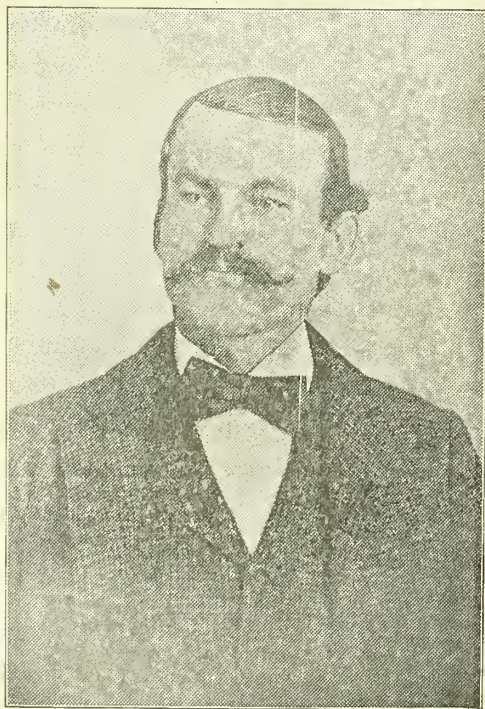
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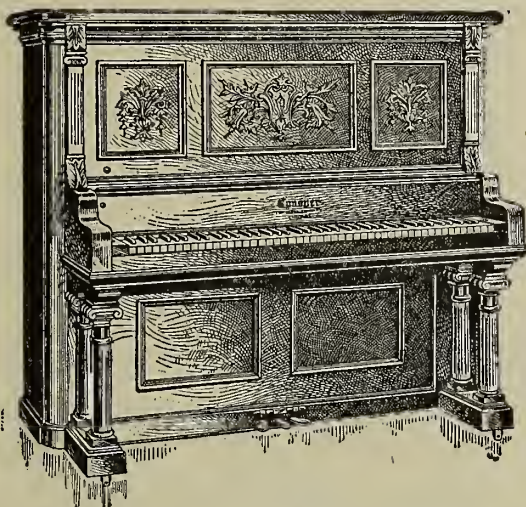
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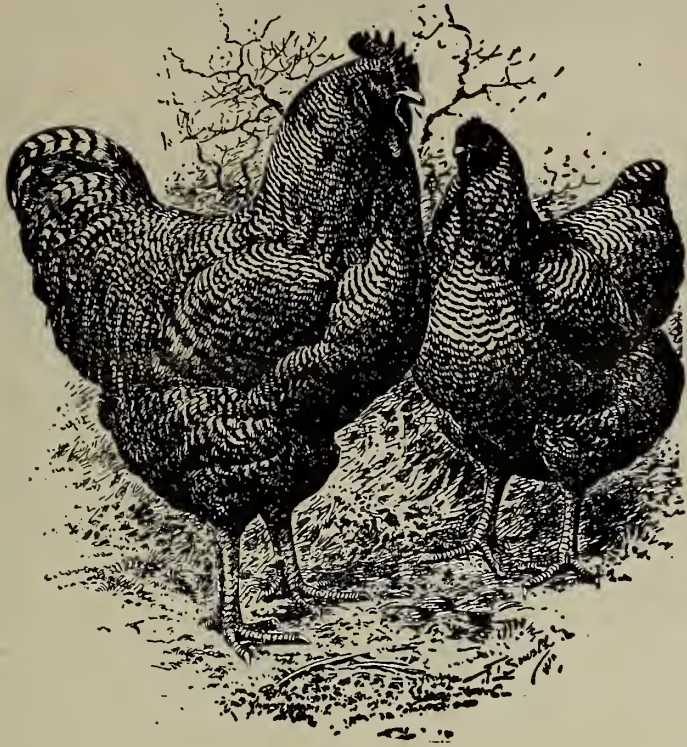
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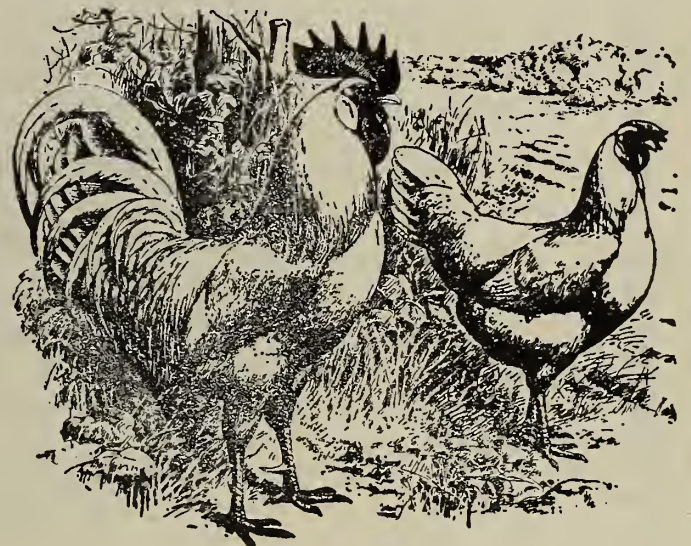
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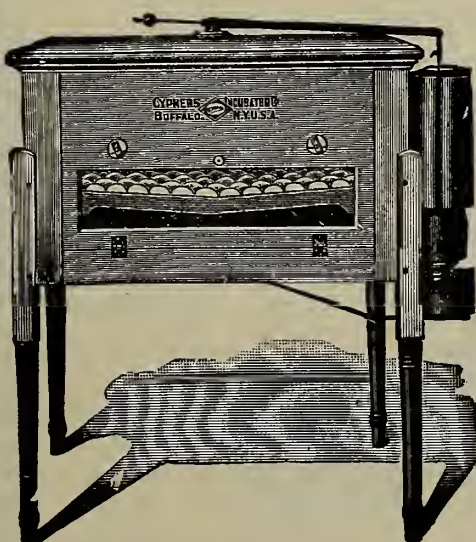
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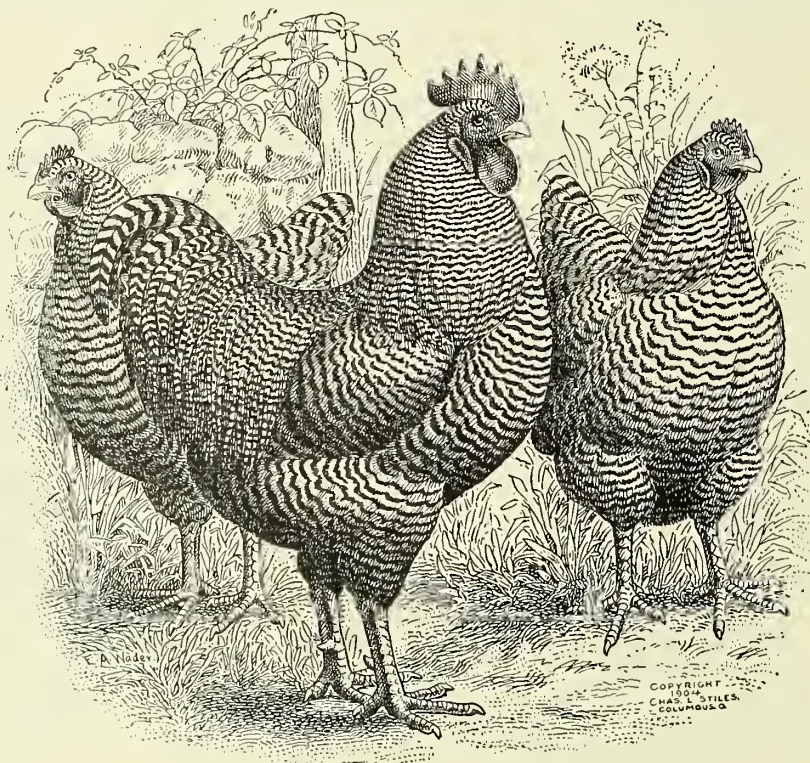
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Don't be a back number. Send me your order and let me start you RIGHT.

Up to weight—4 months old now and average 5 lbs. Good.

You want the ribbons and I've the birds to win them.

The birds are right—the prices are right.

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The Industrious Hen's Premium List.

Every Purchase Carries with it One Year's Subscription to The Industrious Hen.



WE OFFER this month to our thousands of readers a small but practical and useful list of household articles from which to select as premiums for securing subscribers to THE INDUSTRIOUS HEN. During the fall and winter months, when most people have money to spend and time to spare, is the time of all the year to solicit subscriptions. Our paper is new, bright, fresh, instructive and entertaining. It is popular and creates interest wherever shown. More people, in both town and country, are interested in the raising and care of poultry and in the diversified interests of farm life than in any other one subject you can mention. There is more interest being taken in poultry now because more money is being made from it than from any other one industry in the United States. The money made on poultry each year exceeds the amount made on the entire cotton crop of the United States. Statements and figures can be given that will astound and convince the most credulous. THE HEN teaches these truths and disseminates knowledge and information that should be in the hands of every man, woman and child in the land. It is edited by one of the most thoroughly practical poultrymen in the country. A man who has given the scientific, theoretical and practical sides of the poultry business the better part of his life. A man who was born, reared and educated in the South, and who knows what the South needs to develop her material interests. The editor has recently been placed in charge of the Poultry Department of the Experiment Station of the University of Tennessee and the results of his experiments will be published from time to time in the columns of THE HEN. The "Live Stock" and "Farm and Garden" Departments will be contributed to by the faculty of the Agricultural Department of our State University, and the most helpful and practical information obtainable from the best writers of the South on all subjects pertaining to poultry, the farm and garden will fill our pages every month. It is the aim of the management to give at all times only the most wholesome and practical ideas, that our readers may make the most of our experiences and experiments. In short, we propose that no subject of interest to our patrons shall be neglected. New departments, new features and new ideas will be introduced from time to time, always with the one object in view, and that of making the best all round farm, garden and poultry journal in America. We ask our readers to help us do this by helping us to increase our circulation—and we propose to pay liberally for this either in cash or trade. We have selected to begin with a few articles that will be found useful and necessary in every home. We buy these goods direct from the factories and offer them to you in a way and at a price that any one with a few moments to spare may become the possessor of any one of these articles without one cent of money. Only a little time. Take this copy of THE HEN, show it to your neighbor and ask him to give you 50 cents for it from now until January 1, 1907. It will be worth many dollars to him. Your own subscription, new or renewal counts as one. Select the premium you want, start out and get the requisite number of subscribers at 50c apiece, send the list to us with the amount collected, and we will ship you your selection by either freight or express and guarantee it to be exactly as described and the best of the kind you ever got for the money. There is nothing cheap or shoddy in a single article we send out, and we hereby agree to refund all money sent us if found otherwise than as advertised. Our reputation is at stake and we can not afford for a moment, nor will we, make a statement that is false or misleading in any particular. If you do not find an article listed that you like write us what you want and how much you want it to cost and say that you will pay for it in subscriptions to THE HEN and we will get it for you.

Later we will have a line of musical instruments, watches, jewelry, etc. Look out for the next issue. In the meantime get to work on some one of these elegant premiums. All the "outfit" you need is this copy of THE HEN, a memorandum book and a lead pencil. If you ask for it we'll send you one of each free by return mail, also Subscription Blanks, Receipts, Addressed Envelopes, Etc.

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DOUBLE BARRELED BREECH LOADING SHOT GUN.

Twist Finish Barrels. Top Snap. Back Action Locks.
Case-hardened Locks and Mountings. Rebounding Circular Hammers. Extension Rib. Walnut Stock. Patent Snap, Checkered fore end and pistol grip. 30 and 32 in. barrels. Regular selling price, - \$14.50
Our price with Industrious Hen **\$10.50**



PREMIUM NO. 10

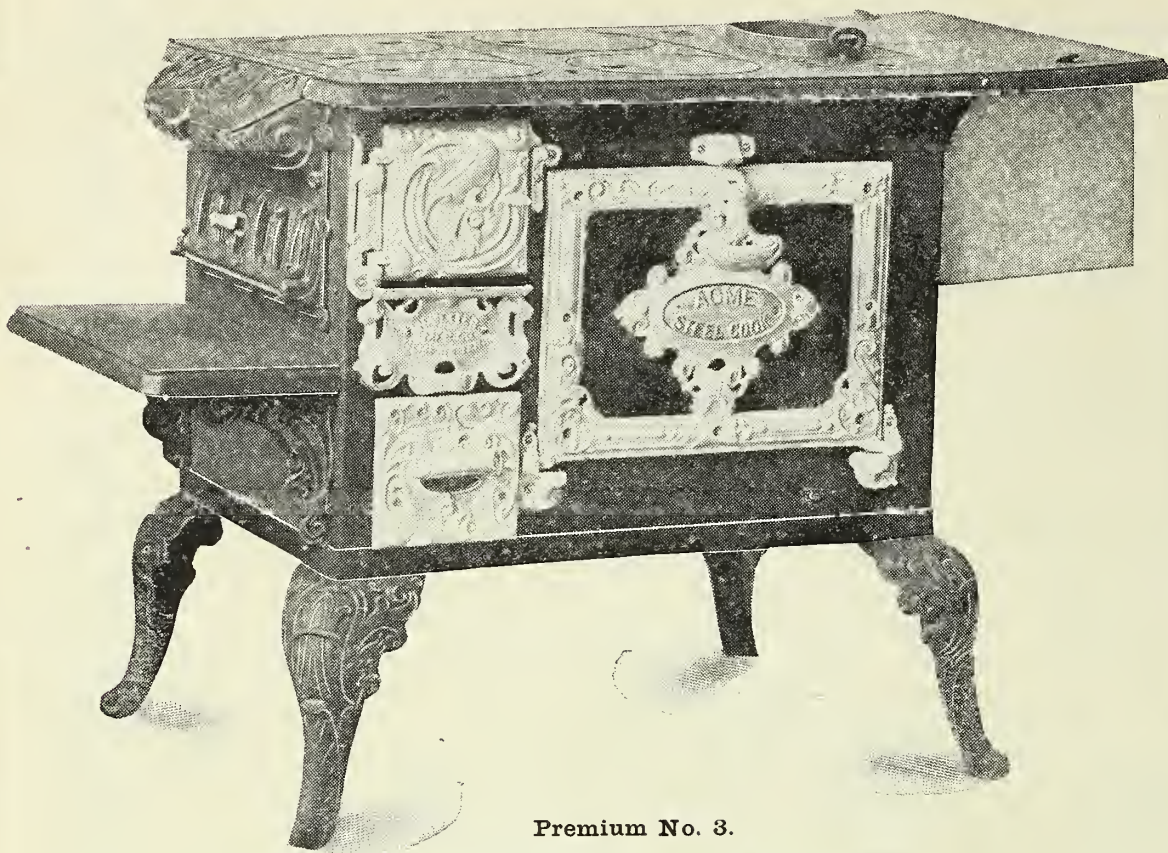
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The INDUSTRIOUS HEN'S PREMIUM LIST

ACME STEEL COOK STOVE.

For Coal or Wood. With Back Shelf and Reservoir.



Premium No. 3.

Four Holes; size of Oven, 16x19½x12; for 8-inch Ware.

These Stoves are all made of the best grade of Cold-rolled Re-annealed Steel. Japan Baked, Hard Finished Body. Asbestos Lined.

The strong features of the Stove are: Heavy cast plate, covering the entire top of steel oven. Stationery hearth, which is detached when shipped and placed in oven. Latest improved pouch feed. The front draft slides down and the fire can easily be reached with poker. Oven opening perfectly square. Heavy covers and centers. Heavy Galvanized Iron Contact Reservoir. The finish of the Acme Stoves is far above the average of cook stoves.

The following parts are brightly aluminized: Fire door, name plate below fire door, ash pan front, oven door frame, handles and catches. It is light, durable and attractive.

Regular selling price as above described, - - - - - \$27.00
Our price, with a year's subscription to the INDUSTRIOUS HEN, - - - - - **\$17.50**
Sent FREE as a premium for 70 subscribers to the INDUSTRIOUS HEN at 50c each.

The above Stove, exactly as described, with the exception of the Reservoir, regular selling price, \$23.50; our price with the INDUSTRIOUS HEN, - - - - - **\$15.00**
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SET OF GLASS HANDLE KNIVES AND FORKS.

Something Beautiful.
Premium No. 14.



Crystal Glass Handle. Cimeter Swaged Blade. Nickel-plated Ferule. Four-tine Forks.
A set is six knives and six forks in a box. Regular selling price (Set.) - - - - - \$3.00.
Our price with one year's subscription to the INDUSTRIOUS HEN, - - - - - **\$2.25**
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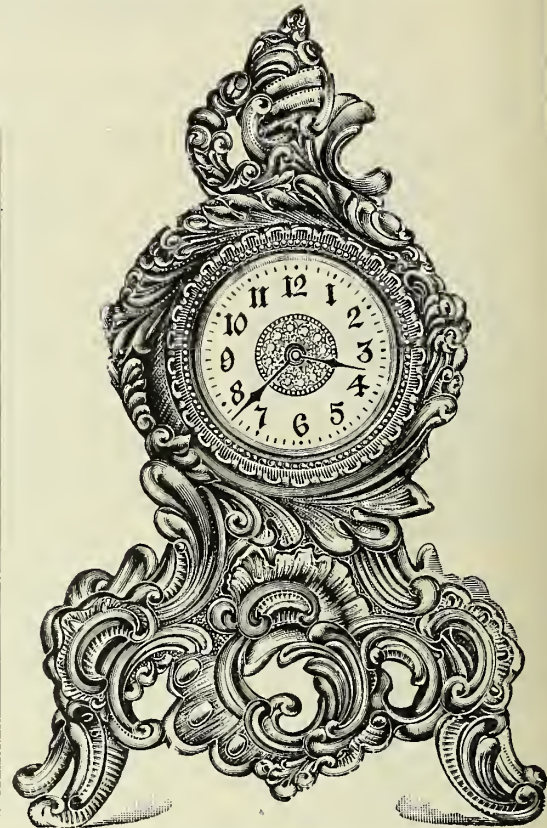
A 14-KARAT GOLD FOUNTAIN PEN.

Premium No. 17.



This is a pen that you will be pleased with. It is neither too large nor too small, and one of the best all round Ladies' or Gentlemen's Pens on the market. It is a smooth writer, light and handsome, and was selected from a large number of patterns and makes as the best of the bunch.
This Pen by mail with a year's subscription to the INDUSTRIOUS HEN for - - - - - **\$1.50**
FREE as a premium for 6 subscribers.

LOUVRE CLOCK.



Premium No. 15.

This is a beautiful, fine gold plated Clock; a most excellent time keeper. Eight inches high. Two inch ivory dial. Bevel plate glass. Each well packed in a wooden box.

Regular selling price - \$2.50
Our price with the INDUSTRIOUS HEN - **\$2.00**
Sent FREE for 8 subscribers.



PURITAN SMOKELESS OIL HEATERS

Premium No. 9.
No. 149—Black Finish. Aluminum Bronzed Top.

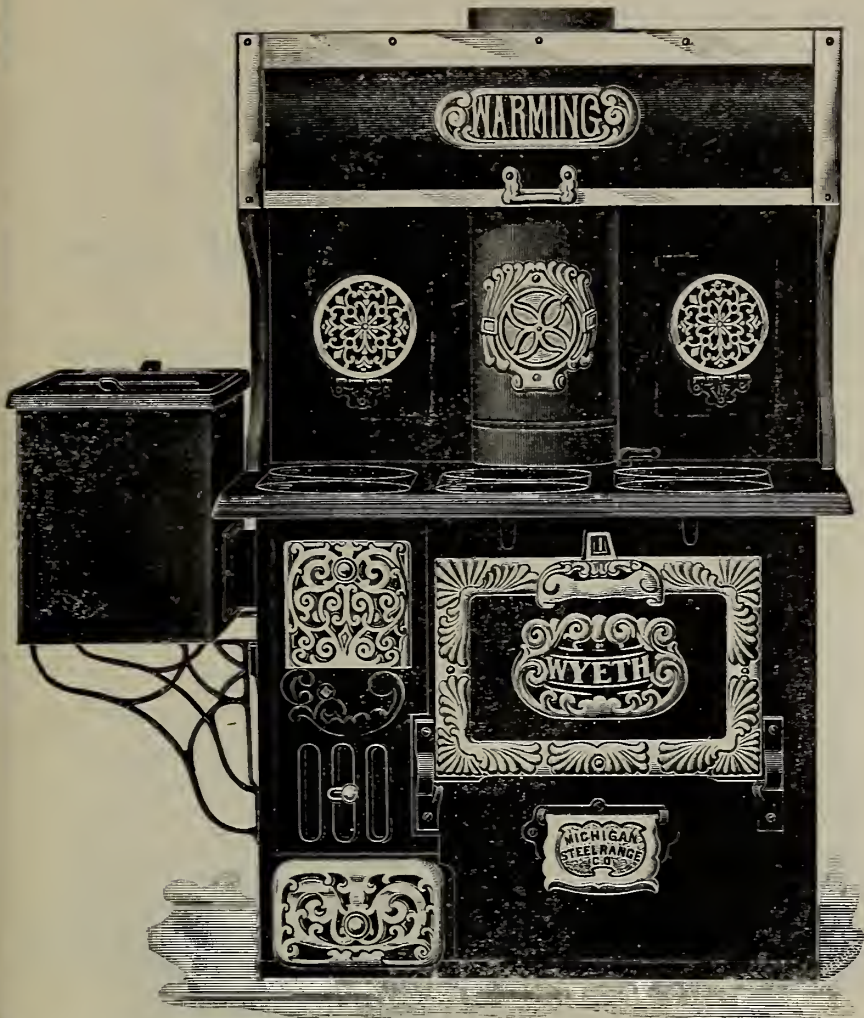
Height (bail down), 27½ inches. All stamped steel. Removable reservoir of heavy sheet steel, heavily coated with lead inside and out to prevent any corrosion. Polished steel drum, 8-in. in diameter. Indicator on reservoir. Top removable for heating water. Takes wick 8 inches in circumference. Weight, 11 lbs. The fount holds 4 quarts of oil, burns from 8 to 10 hours and has registering oil indicator and bail handle.
Regular price, - - - - - \$8.00
Our price with the INDUSTRIOUS HEN - **\$3.75**
Will be sent free for 15 subscribers.

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The INDUSTRIOUS HEN'S PREMIUM LIST

THE WYETH STEEL RANGE.

FOR COAL OR WOOD. WITH RESERVOIR.
PREMIUM No. 1.



Six Holes; 18-inch Oven; for 7-inch Ware; Weighs 400 lbs., F.O.B. Knoxville

This is strictly a High Grade Range. Constructed of best material obtainable, handsomely nicked, and superior finish and workmanship. Has large closet, large square oven, balanced oven doors, large fire-box, duplex grate.

The regular selling price of this Range is, with reservoir, - - - \$45.00

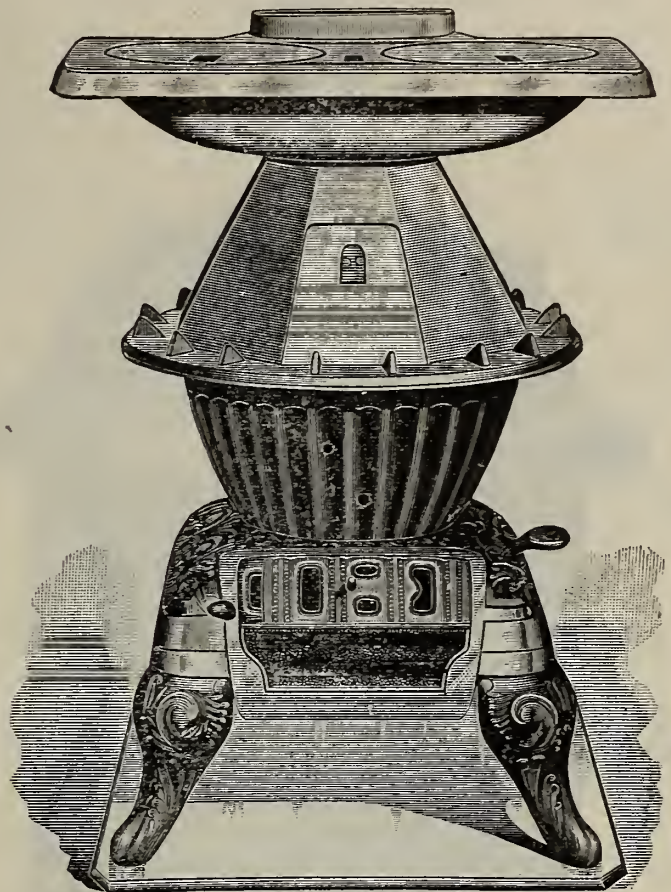
We ship it to any address with a year's subscription to THE INDUSTRIOUS HEN for - **\$29.00**

Or, we will give it outright as a premium for 116 yearly subscribers to the INDUSTRIOUS HEN at 50c each.

Shipped without Reservoir for \$27, or 108 subscribers.

LAUNDRY STOVE.

FOR COAL.



PREMIUM No. 8.

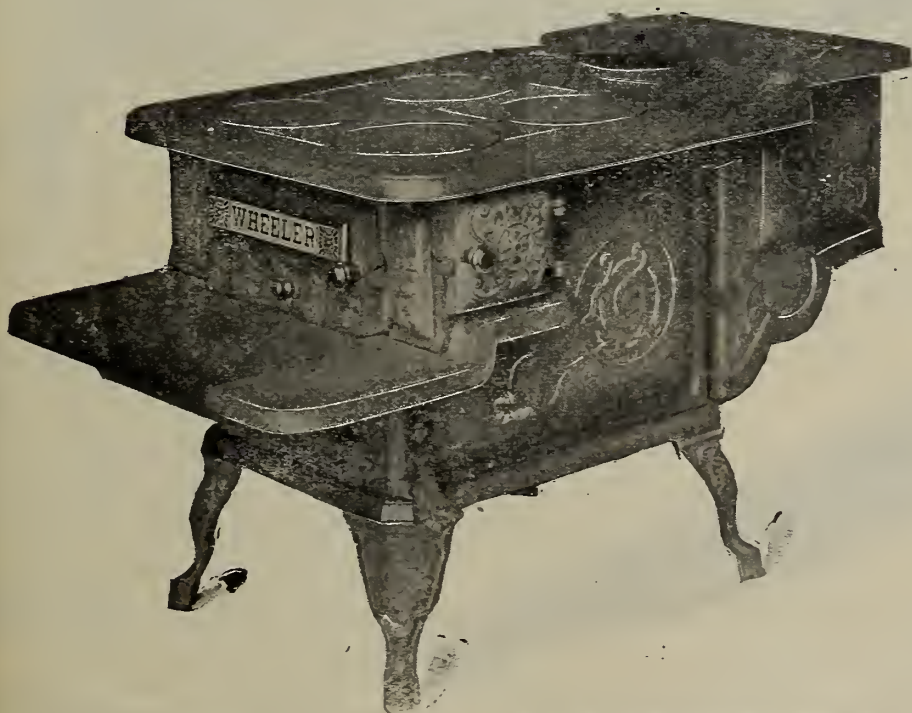
No. 28—For 8-inch Wash Boiler; Top 14x22 inches; 6-inch Pipe Collar.

Holds eight irons against upper cylinders. This is the best Laundry Stove we can offer and its great convenience and economy is manifest to the head of a large family. It saves the Range.

Regular selling price, - - - \$14.00

We ship it to any address with a year's subscription to the INDUSTRIOUS HEN for - **\$9.00**

Sent free as a premium for 36 subscribers.



THE WHEELER COOK STOVE.

For Wood Only.
With Bracket Reservoir.

PREMIUM No. 5.

Four Holes; for 7-inch Ware; Size of Oven, 17x18 inches.

Here is a Stove that we send out with full confidence that it is the best stove of its class ever offered to the trade in this territory. It is a handsome pattern, with Reservoir, full Nickel trimmed and is destined to be a winner.

Regular selling price is - - - \$19.00.

Our price with one year's subscription to the INDUSTRIOUS HEN, - - - **\$11.50**

Will be sent as a premium for 46 subscribers.

Same WITHOUT Reservoir sells for \$13.00

Our price with one year's subscription to the INDUSTRIOUS HEN, - - - **\$8.50**

Sent as a premium for 34 subscribers.

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The INDUSTRIOUS HEN'S PREMIUM LIST

THE "VORTEX" HEATER.

Premium No. 6.



These Stoves have 20-gauge polished blue steel bodies, nickel-plated steel top rim, combined poker and shaker, and fitted with a 5-inch reversible pipe collar for connecting to fire place, and a check draft. This stove consumes all the gases in coal and wood, which amount to more than half of the fuel in soft coal, and which are wasted with the ordinary under-draft stoves. These stoves are perfect hard coal and wood stoves, as well as the best hot blast coal stoves on the market. They are perfect for all fuel and require no change of fixtures for soft coal, hard coal or wood. This is a handsome stove and will give perfect satisfaction.

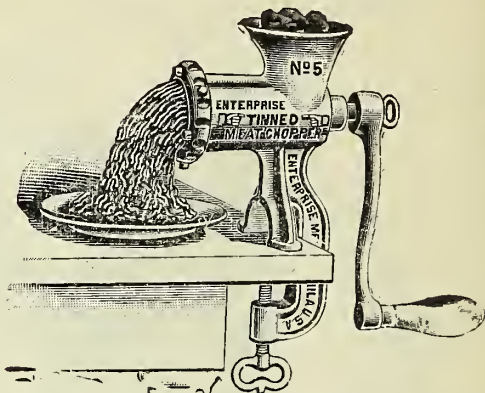
The regular selling price is - - - \$15.00

Our price, with one year's subscription to the INDUSTRIOUS HEN, - - - **\$9.25**

Will be sent FREE as a premium for 37 subscribers.

FOR
COAL
OR
WOOD.

Enterprise Meat Chopper No. 5.—Tinned.



Premium No. 13.

Chops 1 1/2 lbs. per minute. Weight, 4 5/8 lbs.

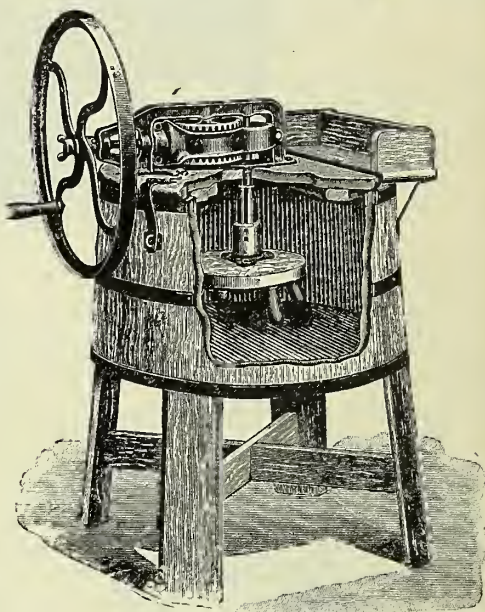
These Choppers come in various sizes and will be quoted on application, allowing them to be paid for in subscriptions.

Regular selling price of No. 5 is \$2.00

Our price with one year's subscription to the INDUSTRIOUS HEN is - - - **\$1.75**

Sent FREE for 8 subscribers.

Boss Washing Machine. Rotary—with Wringer.



Premium No. 12.

The principal advantages of this machine are increased leverage, which decreases the amount of labor necessary to operate it, high speed and the large revolution to the pin-wheel increases the agitation in the tub, thereby cleansing the clothes quickly and thoroughly; tub made of Louisiana red cypress.

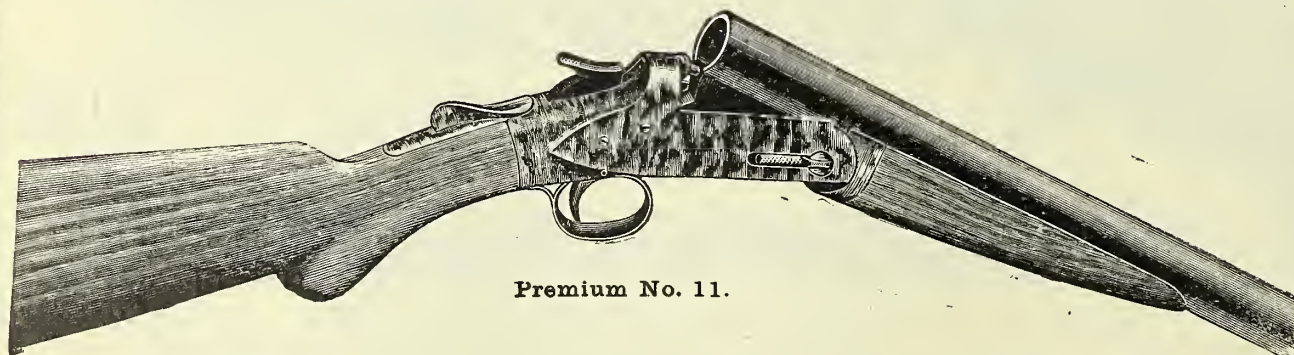
Regular selling price is - - - \$12.00.

Our price with one year's subscription to the INDUSTRIOUS HEN is - - - **\$8.50**

Sent FREE for 35 subscribers.

Leave off the Wringer and send **\$6.25**, or send 26 subscribers.

SINGLE BARREL BREECH LOADING SHOT GUN.



Premium No. 11.

Hopkins & Allen Non-Ejector, 12, 16 and 20 gauge. Decarbonized steel barrel, choke bored. Top snap action. Case-hardened frame. Walnut stock and fore end. Half pistol grip. Rubber butt plate. Metal joint fore end. Each gun packed "take down" in paste-board box.

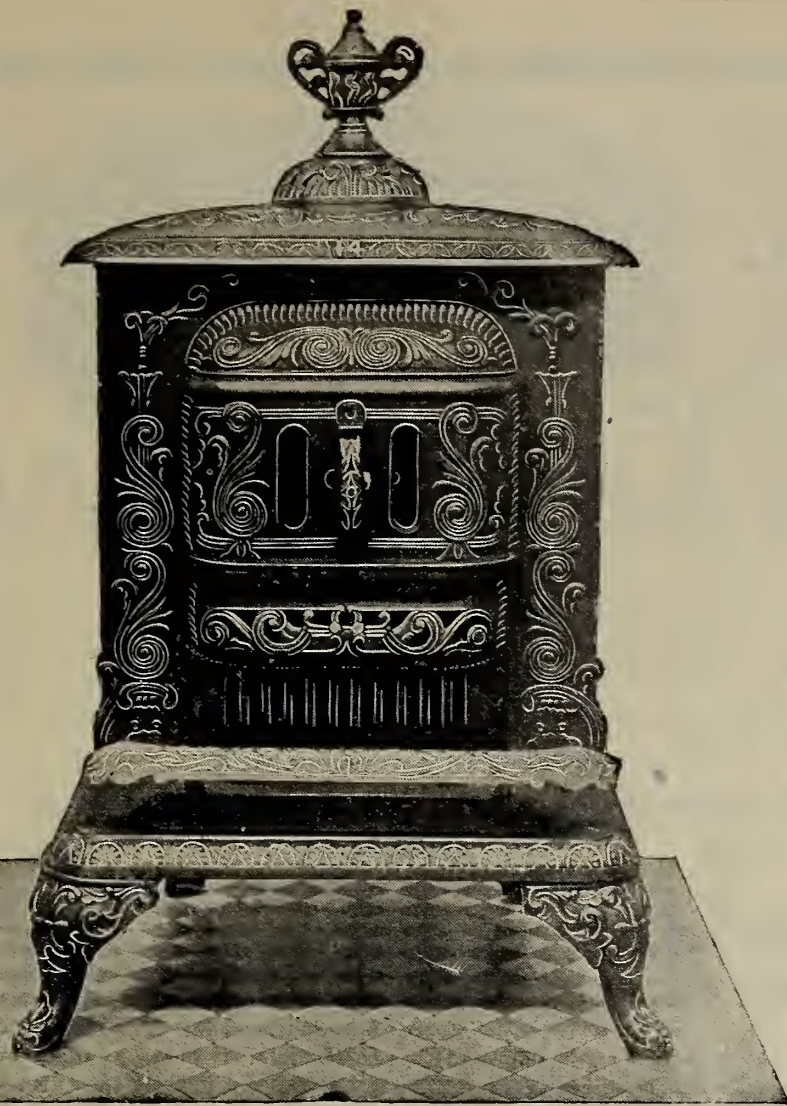
Regular selling price, \$7.00

Our price with the INDUSTRIOUS HEN - **\$3.75**

Sent free for 16 subscribers.

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The INDUSTRIOUS HEN'S PREMIUM LIST



No. 112 FRANKLIN HEATER.

For Coal.

Premium No. 7.

Size of Grate, 12-in., 6-in. Pipe Collar; 130 lbs.

This is a beautiful and magnificent heater at a very low price. It has a lift-off cast blower, heavy oval fire-pot, heavy sheet steel back, tile linings, swing hearth and nickel foot rail.

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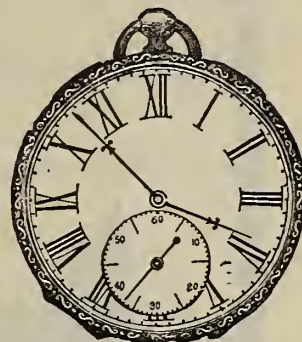
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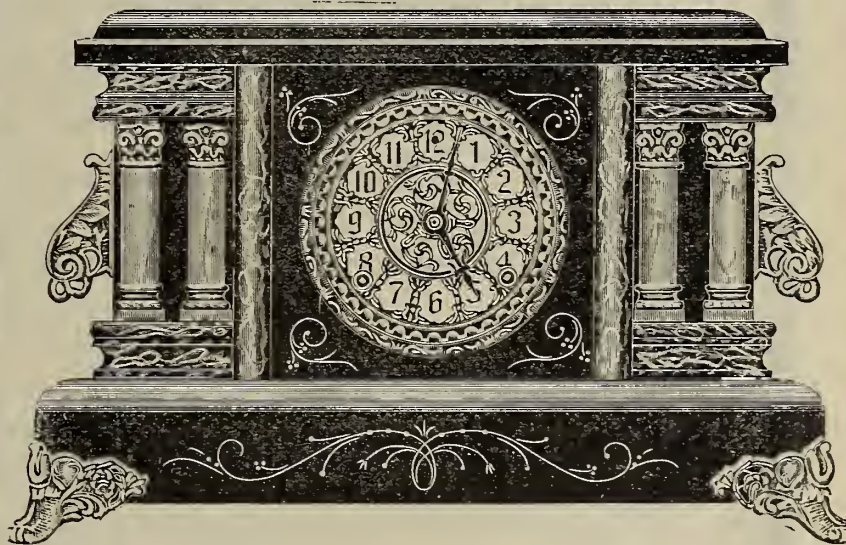
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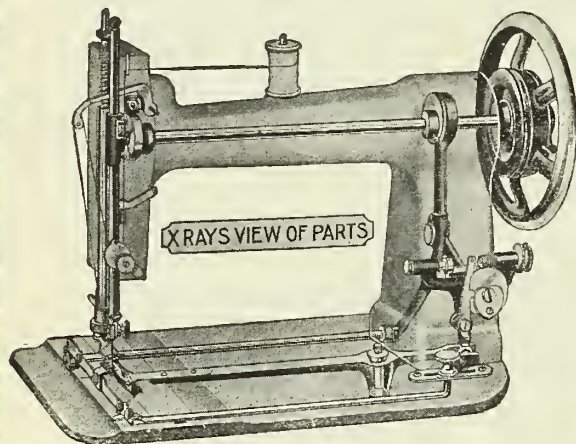
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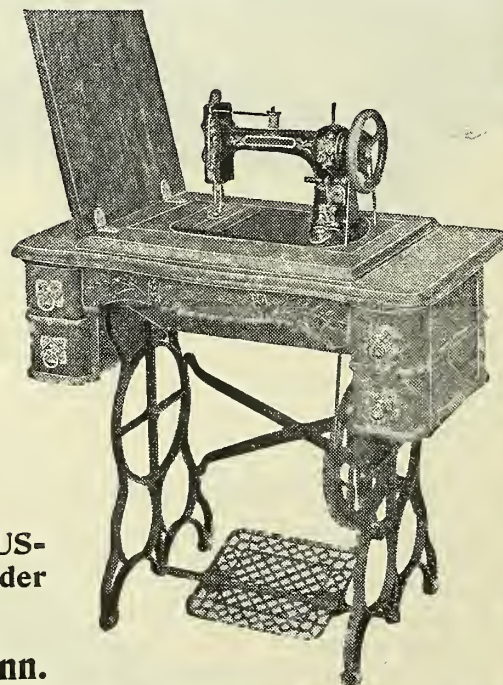
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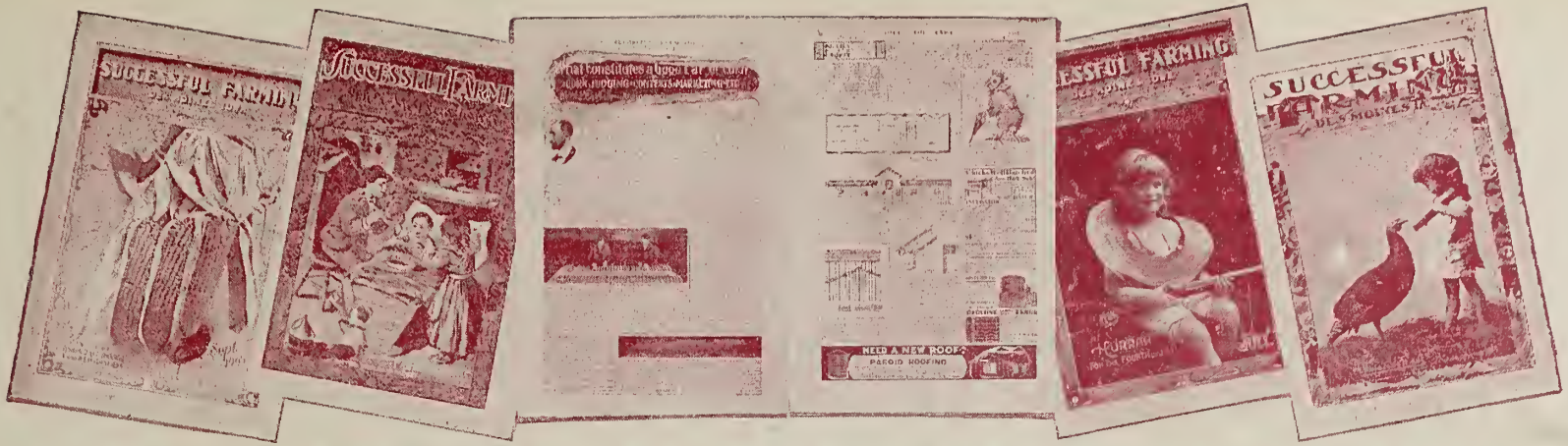
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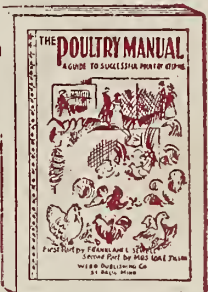
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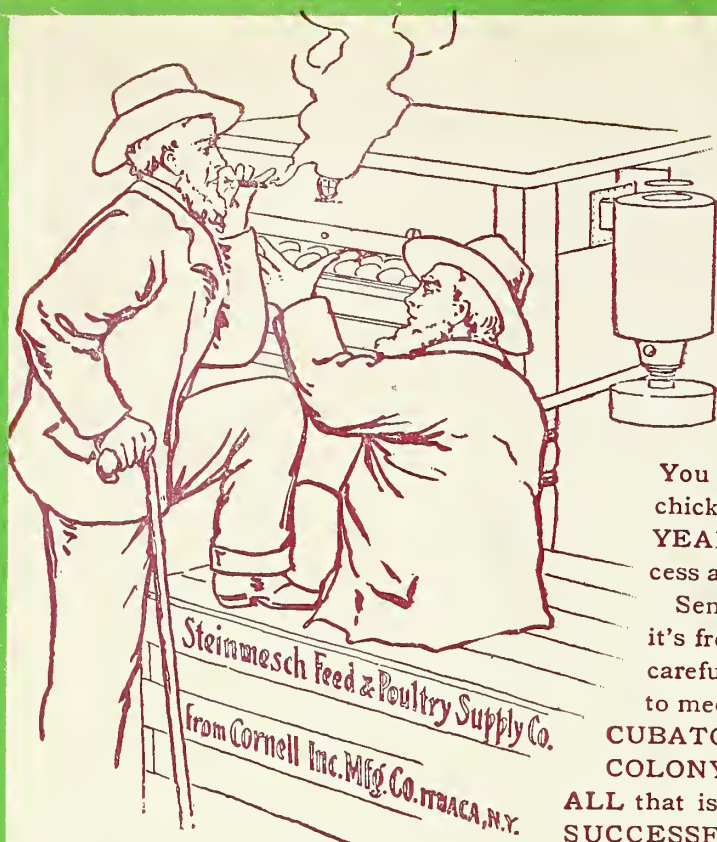
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